The Mortimer and Raymond Sackler Institute of Advanced Studies

Annual Album

2020/2021

2021/2022

THE MORTIMER AND RAYMOND SACKLER INSTITUTE OF ADVANCED STUDIES

IAS DISTINGUISHED SCHOLARS

Academic Year 2020 – 2021

Professor Oded Nov	December 2020 – March 2021
Professor Tom Gunning	May – June 2021

Academic Year 2021 – 2022

Professor Peter Loewen	November 2021
Professor Abigail Gillman	November 2021 –January 2022 May – June 2022
Professor Shai Secunda	October 2021 – January 2022
Professor Ivan Smalyukh	February – April 2022 June 2022
Professor Rafael Pass	February - April 2022
Professor Martin Oheim	March 2022
Professor Francesco Andriulli	March – April 2022
Professor Jörg Enderlein	March – April 2022
Professor Alex Zunger	March – April 2022
Professor Jotun Hein	March – May 2022
Professor Nancy Lane, M.D.	April 2022
Professor Jan Grabowki	April – May 2022
Professor Michael Glanzberg	May 2022
Professor Michael Snyder	May 2022
Professor Jonathan Selinger	May – July 2022
Professor Robin Selinger	May – July 2022
Professor Michael Renov	June 2022

PROFESSOR ODED NOV

Prof. Oded Nov, IAS Distinguished Scholar 2020/2021, is a Full Professor and the Technology Management Department Chair at New York University Tandon School of Engineering.

Prof. Nov received his B.A degree from Tel-Aviv University, his M.Sc. degree from the London School of Economics, and his Ph.D. from Cambridge University.

Prof. Nov's research focuses on social computing, human-computer interaction, and the future of expert work in healthcare. Prof. Nov's work has been funded by the U.S. National Science Foundation through numerous research grants, including the NSF CAREER award (2012) for his work in the fields of human-computer interaction and citizen Science. Additional funding for his work was provided by the National Academies Keck Initiative, the MacArthur Foundation, the E.U. Marie Curie program, and Google.

Prof. Nov has published multiple papers in prestigious journals and peer-reviewed conference proceedings, and received several Best Paper Awards. Among his current research projects is a new $2 million National Science Foundation-funded project to study and improve healthcare expert work in an age of enhanced cognition facilitated by data-intensive and artificial intelligence tools. Prof. Nov leads this collaborative effort of the NYU schools of Engineering, Medicine and Business, to study and design tools and workflows that help shape the interactions between healthcare professionals, patients and advanced technologies. Prof. Nov is also one of the principal investigators of *Sounds of New York City (SONYC)*, a $5 million effort to harnesses novel sensors, machine learning, data analytics, and crowdsourcing to monitor, analyze, and mitigate urban noise pollution in New York City. Prof. Nov serves as advisor for Ph.D., MS, and BS students, as well as post-doctoral researchers.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY

פרופסור עודד נוב

המחלקה לניהול טכנולוגי וחדשנות
בית ספר להנדסה ע"ש טנדון
אוניברסיטת ניו יורק, ניו-יורק, ארה"ב

Professor Oded Nov

Department of Technology Management and Innovation
Tandon School of Engineering
New York University, New York, USA

הרצאה במסגרת סמינר המחלקה להנדסת תעשייה
Lecture in the Framework of the Industrial Engineering Departmental Seminar

HUMAN-COMPUTER INTERACTION AT THE INTERSECTION OF ADVICE, UNDERSTANDING, AND DECISION

Abstract

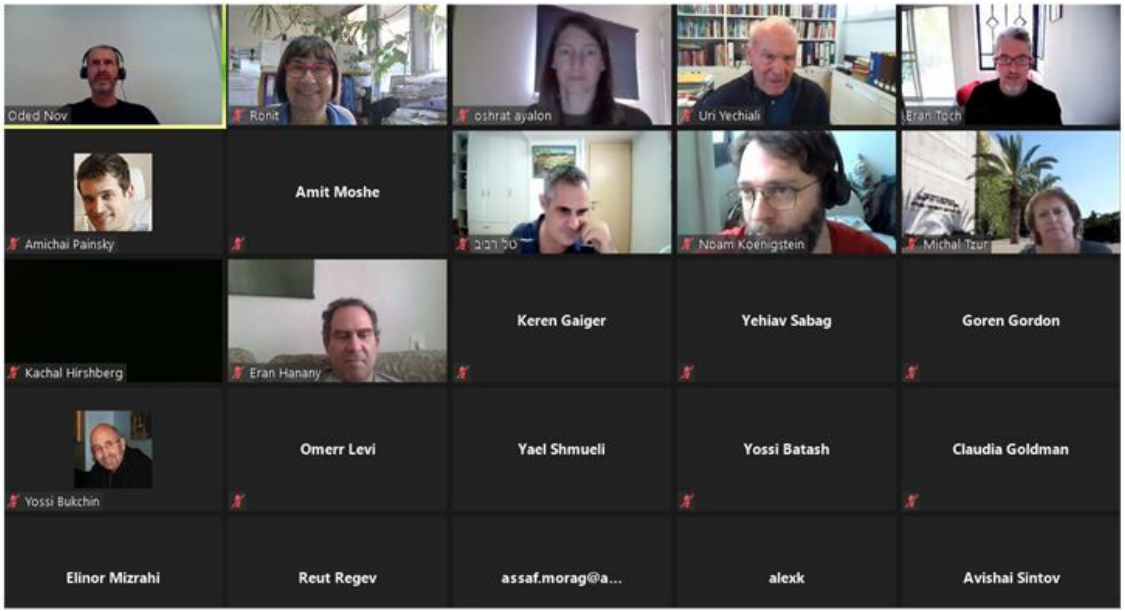
Users, experts and non-experts, increasingly make important life decisions through the use of user interfaces. In a number of studies, we identify and evaluate various ways in which human and algorithmic advice can be baked into user interface designs, allowing users to interact effectively with complex financial or health-related information. Building on prior research in HCI, social psychology and economics, we show how design can be a powerful means of supporting users as they make decisions.

The Lecture will be held on Tuesday
8 December 2020, at 2:00 PM Jerusalem

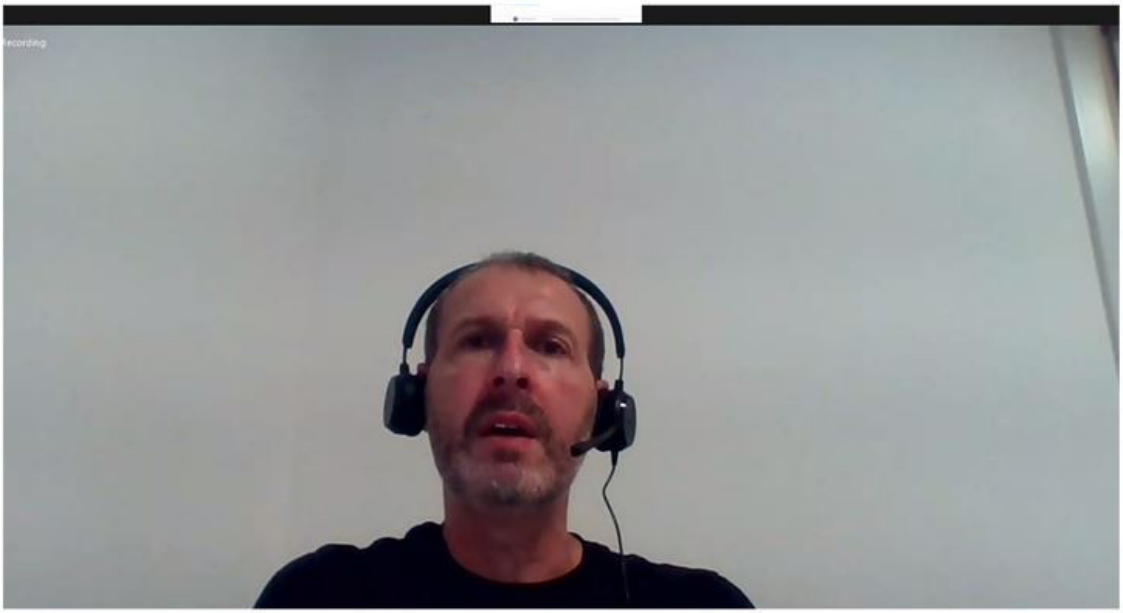
ההרצאה תתקיים ביום שלישי
8 בדצמבר 2020, בשעה 14:00

The synchronized remote lecture will be given online using Zoom | ההרצאה תועבר בזום

Zoom Meeting lecture - click here



Prof. Oded Nov delivering his Zoom lecture



Prof. Oded Nov at his Zoom lecture

Dr. Eran Toch
Faculty of Engineering
Tel Aviv University
Tel Aviv, 69978, Israel
erant@tauex.tau.ac.il
http://toch.tau.ac.il

TEL AVIV UNIVERSITY אוניברסיטת תל אביב

Tuesday, 8 June 2021

A report on Prof. Oded Nov Visit at Tel Aviv University

To the Mortimer and Raymond Sackler Institute of Advanced Studies,

I want to thank the Institute for its generous support in allowing my department to host Prof. Oded Nov from New York University Tandon School of Engineering, USA. Prof. Oded visited our department on his sabbatical at Tel Aviv University, between 15.12.2020 - 15.3.2021, as an IAS Distinguished Scholar 2020/2021.

The purpose of hosting Prof. Nov was to cultivate collaboration and learning from a world-renowned expert in crowdsourcing and human-computer interaction. I believe that this objective was reached, even in this challenging year.

Specifically, Prof. Nov interacted with the department and the research group in several ways:

1. Prof. Nov gave a seminar lecture in the department and a lecture to the Tel Aviv ACM special interest group on Human Computer Interaction.
2. Prof. Nov interacted and advised the group's students.
3. Prof. Nov gave several guest lectures in graduate courses.
4. Prof. Nov and myself worked together on a grant proposal on crowdsourcing urban sensing.

Sincerely,

E. Toch

Dr. Eran Toch

PROFESSOR TOM GUNNING

Prof. Tom Gunning, IAS Distinguished Scholar for the academic year 2020/2021, is Professor Emeritus of Art History, Cinema and Media Studies, and the College, at the University of Chicago, Chicago, Illinois, USA.

Prof. Gunning holds a B.A. in History and Literature of Religion (1970) from Washington Square College, New York University, New York, USA. He received an M.A. (1974) and a Ph.D. (with honors, 1986) in Cinema Studies from the Graduate School of Arts and Science, New York University. His Ph.D. dissertation on "D.W. Griffith and the Narrator-System: Narrative Form and Industry Organization in Biograph Films, 1908-1909" received the Society for Cinema Studies best dissertation prize (1987).

He then held positions in the division of Theater Arts and Film at Purchase College, State University of New York, Purchase, New York, USA (1978-1993), where he served as an assistant professor (1978-1985), an associate professor (1986-1993) and Acting Chair of Program (1992-1993). He was then appointed Associate Professor in the Department of Radio, Television and Film at Northwestern University, Evanston, Illinois, USA (1993-1996). In 1996, he joined the University of Chicago, Chicago, Illinois, USA, where he held since 2001 the position of Edwin A. and Betty L. Bergman Distinguished Service Professor in the Department of Cinema and Media Studies, Department of Art History, and the College, until his retirement in 2018. Prof. Gunning also held visiting professor appointments at leading institutions, among them: New York University, New York, USA; Harvard University, Cambridge, Massachusetts, USA; the University of Wisconsin, Madison, Wisconsin, USA; the University of Stockholm, Stockholm, Sweden. which granted him an Honorary Doctorate in 1998; and the University of Colorado, Boulder, Colorado, USA.

Prof. Gunning is a member of the American Academy of Arts and Sciences (2010). He received several prestigious awards and grants: The SCMS Award Ceremony Distinguished Career Award (2015), the Mellon Distinguished Service Award (2009-2011); the Jean Mitry Prize, Giornate del Cinema Muto (2004); the First Cinéma & Cie Book Award for his book "The Films of Fritz Lang: Allegories of Vision and Modernity" (2003); Anthology Film Archive Film Preservation Honor (2000); the Guggenheim Fellowship (1998); and his book "D.W. Griffith and the Origins of American Narrative Film" received the Theater Library Association Award (1992).

Prof. Gunning works on problems of film style and interpretation, film history and film culture. His published work, approximately one hundred publications, has concentrated on early cinema, from its origins to the First World War, as well as on the culture of modernity from which cinema arose. His concept of the "cinema of attractions" has tried to relate the development of cinema to other forces than storytelling, such as new experiences of space and time in modernity, and an emerging modern visual culture. Prof. Gunning has written on the avant-garde film, both in its European pre-First World War manifestations and the American avant-garde film up to the present day. He has also written on genre in Hollywood cinema and on the relation between cinema and technology. The issues of film culture, the historical factors of exhibition and criticism and the spectator's experience throughout film history are recurrent themes in his work.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

TEL AVIV UNIVERSITY אוניברסיטת תל אביב

פרופ' אמריטוס טום גאנינג

הקולג', המחלקה לתולדות האמנות והמחלקה לקולנוע ולימודי מדיה
אוניברסיטת שיקגו, שיקגו, ארה"ב

Professor Emeritus Tom Gunning

Departments of Art History, Cinema and Media Studies, and the College
Chicago University, Chicago, USA

Concise Course | קורס מרוכז

THE ARCHAEOLOGY OF CINEMA

Abstract

The seminar surveys the longue durée of visual devices and therefore takes into account the history of optics, from Greek Classical sources (with some attention to Chinese traditions and devices), Medieval and Arab texts, through Renaissance and Enlightenment optical theories, and especially discusses nineteenth century optical research and experiments in visual devices. The "invention" of cinematic images and devices at the end of the nineteenth century, from Marey and Muybridge's projection of their photographs of movement through the animated images of Reynaud and the devices of Edison and Lumière and others, is looked at in terms of their legacy from this tradition, as well as innovations that raised new issues. The birth of cinema as a form of mass entertainment is considered in relation both to early film practices and genres (Méliès, Lumière, Porter, Griffith) and modes of exhibition (peep shows, auditorium projection, fairground theaters).

Course's framework
The course will be given during May - June 2021
on Tuesdays and Thursdays at 16:00 - 20:00

מתכונת הקורס
הקורס יתקיים בחודשי מאי - יוני 2021
בימי שלישי וחמישי בין השעות 16:00 - 20:00

The synchronized remote lectures will be given online using Zoom | ההרצאות תועברנה בזום

PROFESSOR PETER LOEWEN

Prof. Peter J. Loewen, IAS Distinguished Scholar for the academic year 2021/2022, is a professor in the Department of Political Science and the director of the Munk School of Global Affairs and Public Policy, where he also holds the positions of director of the PEARL research lab and co-director of the Media Ecosystem Observatory project, at the University of Toronto, Toronto, Ontario, Canada. At the University of Toronto, Prof. Loewen also serves as a member of the Faculty of Graduate Studies, a senior fellow of The Massey College and an associate director at the Schwartz Reisman Institute.

Prof. Loewen received his B.A. in Political Science and Economics (first class honours, 2002) from Mount Allison University, Sackville, New Brunswick, Canada. and his Ph.D. in Political Science (2008) from the University of Montréal, Montreal, Quebec, Canada. He then held postdoctoral research at the University of British Columbia, Vancouver, British Columbia, Canada and at the University of California San Diego, California, USA. In 2010, Prof. Loewen joined the Department of Political Studies University of Toronto, Toronto, Ontario, Canada, where he held the positions of assistant professor (2010-2015), associate professor (2015-2018), and professor (2018-present). He also served at the university as director of the Centre for the Study of the U.S. at the Munk School of Global Affairs (2013-2016), director of the School of Public Policy and Governance (2016-2018) which he led into a merger with the Munk School of Global Affairs to create the Munk School of Global Affairs and Public Policy. In 2021, Prof. Loewen was appointed director of the Munk School of Global Affairs and Public Policy, where he also holds the positions of professor (2018-present), director of the PEARL research lab (2019-present) and co-director of the Media Ecosystem Observatory project (2020-present). Prof. Loewen also serves at the university as a member of the Faculty of Graduate Studies (2015-present), a senior fellow of The Massey College (2019-present) and an associate director at the Schwartz Reisman Institute (2021-present).

Prof. Loewen has also held visiting positions at leading institutions such as: the Melbourne School of Government, University of Melbourne, Australia (2014), the Center for the Study of Democratic Politics, Princeton University, Princeton, New Jersey, USA. (2016) and the Center for Advanced Study in the Behavioral Sciences, Stanford University, Palo Alto, California, USA (2018). Prof. Loewen is also a member of the Evidence in Governance and Politics (EGAP) research, evaluation, and learning network (2012-present). He was also a fellow of the Canadian Public Policy Forum (2019-2021).

Prof. Loewen has received several distinctions, among them: the 2019, 2018, 2017, 2014, 2012, 2011 Dean's Excellence Award, University of Toronto, Canada; the CQ Press best paper award in legislative studies, the American Political Science Association; the 2014 Contemporary Achievement Award, Mount Allison University, Canada; the 2012 Early Research Award, Government of Ontario, Canada; and more. Prof. Loewen has edited four books and he often contributes to the popular press. His work has been published in *American Political Science Review*, *American Journal of Political Science*, *Journal of Politics*, *British Journal of Political Science*, *Political Research Quarterly*, *Proceedings of the National Academy of Sciences*, *Transactions of the Royal Society B*, and *Journal of Economic Behavior and Organization*, and other journals.

Prof. Loewen is interested in how politicians can make better decisions, how citizens can make better choices, and how governments can address the disruption of technology and harness its opportunities. His research has been funded by SSHRC, the European Research Council, the Government of Ontario, and other organizations. He regularly engages in public debate, and acts as a consultant for several public and private organizations.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

TEL AVIV UNIVERSITY אוניברסיטת תל אביב

פרופסור פיטר לוון

המחלקה למדע המדינה, בית ספר מונק ליחסים גלובליים ומדיניות ציבורית
אוניברסיטת טורונטו, קנדה

Professor Peter Loewen

Department of Political Science, The Munk School of Global Affairs & Public Policy
University of Toronto, Canada

הרצאה במסגרת הסמינר המחלקתי של ביה"ס למדע המדינה, ממשל ויחסים בינלאומיים
Lecture given as part of The School of Political Science, Government and International Affairs Seminar Speaker Series

PERCEIVED AUTOMATION THREAT, POPULISM AND VOTE CHOICE: EVIDENCE FROM 14 EUROPEAN DEMOCRACIES

Abstract

The political consequences of Automation and Artificial Intelligence has become the focus of some populism and nationalism literature. We contribute to this literature by drawing from a data set of over 15,000 respondents from 14 European countries to estimate how respondents' egotropic and sociotropic fears about automation and job loss relate to party support. We find a positive relationship between personal automation risk and left voting, but a negative relationship between personal automation risk and support for populist right parties. We find that nativism suppresses the overall negative relationship between personal automation fear and populist right party support. We also find that perceptions of collective threat increase intentions to vote for populist right parties, but not other party families. Overall, our analysis suggests that both non-populist and populist left parties could be positioned to make substantial gains when citizens feel more personally exposed to automation and AI.

The Lecture will be held on Monday
8 November 2021, at 16:15
Room 527, Naftali Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני
8 בנובמבר 2021, בשעה 16:15
חדר 527, בניין נפתלי
אוניברסיטת תל-אביב, רמת-אביב

The lecture will also be broadcast live on Zoom | ההרצאה תועבר גם בשידור חי בזום

Zoom Meeting lecture - click here

Light refreshments will be served before the lecture | כיבוד קל יוגש לפני ההרצאה

Prof. Peter Loewen and Dr. Lior Sheffer

Prof. Peter Loewen at his lecture

28/11/2021

To: Ms. Ronit Nevo, The Institute of Advanced Studies, Tel Aviv University

Subject: Scientific Report on the IAS Distinguished Scholar visit of Peter John Loewen

Dear Ms. Nevo,

This letter overviews Prof. Peter John Loewen's recent academic visit to the Tel Aviv University as an IAS Distinguished Scholar. The purpose of Prof. Loewen's visit was twofold: first, to facilitate academic cooperation between the University of Toronto and Tel Aviv University, and specifically between the School of Political Science at the Tel Aviv University and the Munk School of Global Affairs and Public Policy, of which Prof. Loewen was recently appointed Director. This was carried out through informal meetings with faculty members throughout the visit, and formal engagements such as a department-wide seminar talk and meetings with graduate students. Second, Prof. Loewen's visit promoted concrete research output, as him and myself (Lior Sheffer) utilized his visit to work through an intensive agenda of ongoing academic papers and a book proposal.

Prof. Loewen visited between November 7th and 14th. He had several main engagements during his visit:

1. A Department-wide talk as part of the School of Political Science departmental seminar (November 8th).
2. A special mentorship session with the department's PhD students, covering strategies for success in the academic job market, studies abroad, and how to publish in top-ranked journals. (November 8th)
3. A meeting with Prof. Itai Sened, Dean of the Faculty of Social Sciences, to institutionalize cooperation between the University of Toronto's Munk School of Global Affairs and Public Policy, and the Tel Aviv University's Faculty of Social Science.
4. A series of additional meetings with senior faculty members to further facilitate future cooperation between TAU and the University of Toronto, specifically regarding the Israeli National Election Study and research on voter behaviour more broadly.
5. Work on a joint book project together with myself (Lior Sheffer), that we aim to submit to Cambridge University Press, focusing on findings from a series of experiments we conducted with incumbent politicians over the last five years. We also continued to work on three research papers we are co-authoring together.

Prof. Loewen's visit was an overwhelming success and exceeded our initial expectations. It holds great promise for further academic collaboration and research outputs. We are grateful to the IAS staff for their efforts and to the IAS donors for their generosity that together allowed this visit to materialize. Hosting distinguished academics in Israel has been exceedingly difficult during the pandemic, and the IAS provided the necessary support and incentives to overcome these challenges and help broaden the international reach of the Tel Aviv University. We are especially grateful for the unparalleled help and encouragement provided by Ms. Ronit Nevo, without whom this visit would not have been possible.

Sincerely,

Lior Sheffer, Lecturer
School of Political Science, Government, and International Affairs
Tel Aviv University
liorsheffer@tauex.tau.ac.il

PROFESSOR ABIGAIL GILLMAN

Prof. Abigail E. Gillman, IAS Distinguished Scholar for the academic year 2021/2022, is a professor of Hebrew, German, and Comparative Literature in the Department of World Languages and Literatures at Boston University, Boston, USA, and Core Faculty of the Elie Wiesel Center for Jewish Studies.

Prof. Gillman graduated with a B.A. (magna cum laude) in Literature (1986) from Yale University, New Haven, USA and with a Ph.D. in Germanic Languages and Literatures (1994) from Harvard, Cambridge, USA, under Dorrit Cohn's supervision. In 1994, she joined the Department of World Languages and Literatures at Boston University, Boston, USA, where she works until today. At Boston University, she held the positions of Visiting Assistant Professor of German (1994–1997), Assistant Professor of German and Hebrew (1997–2008), Associate Professor of Hebrew, German, and Comparative Literature (2008–2019), Interim Director of the Elie Wiesel Center for Jewish Studies (2016-2017), and Professor of Hebrew, German, and Comparative Literature (2020–present).

Prof. Gillman's scholarship focuses on Jewish literature and the culture of the German-speaking world. She is the author of two books: "Viennese Jewish Modernism: Freud, Hofmannsthal, Beer-Hofmann and Schnitzler" (Penn State Press, 2009) and "A History of German Jewish Bible Translation" (University of Chicago Press, 2018). She has published and lectured on Kafka; Jewish Modernism; Jewish Translation History; Aharon Appelfeld; and Holocaust Memory. Her essay "Martin Buber's Message to Postwar Germany" won the 2015 Egon Schwarz Prize for an Outstanding Essay in the Area of German Jewish Studies. Prof. Gillman also serves as an editor for Modern Judaism of the "Encyclopedia of the Bible and its Reception" (De Gruyter).

Prof. Gillman's current research project, titled "Parabolic Style Across Jewish Literature," is a literary-historical study that traces the influence of the religious parable (*mashal*) upon diverse authors and movements. This project aims to challenge the religious/secular divide by drawing popular attention to a dialogue already underway between contemporary, postmodern writers and an ancient genre for transmitting wisdom about right action.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY

פרופסור אביגיל גילמן

המחלקה לשפות וספרויות העולם
אוניברסיטת בוסטון, בוסטון, מסצ'וסטס, ארה"ב

Professor Abigail Gillman

Department of World Languages and Literatures
Boston University, Boston, MA, USA

הרצאה במסגרת הסמינר השנתי של ביה"ס למדעי התרבות ע"ש שירלי ולסלי פורטר
Lecture in the framework of the annual seminar of
The Shirley and Leslie Porter School for Cultural Studies

THE LABOR OF SECRECY: INTERPRETING PARABLES FROM THE BIBLE TO KAFKA

Abstract

Since ancient times, religious teachers have communicated wisdom through parables. In the modern period, literary writers and philosophers adopt parabolic style to challenge us and subvert our ways of thinking. Parables have simple plots, but the message is rarely simple. A particular kind of interpretive labor is needed to grasp their message.

Prof. Gillman's lecture explores different theories about how parables work, arguing that Franz Kafka provides a template for understanding modern parabolic style. She traces the genealogy of the Jewish parable, from the Hebrew Bible, to the Gospels, Midrash, Hasidism, modernism, post-Holocaust writing, to contemporary literature. She proposes that the parable is especially significant today, as a form of meaning-making that challenges the rigid religious-secular divide.

The Lecture will be held on Monday
6 December 2021, at 16:00
Room 449, Gilman Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני
6 בדצמבר 2021, בשעה 16:00
חדר 449, בניין גילמן
אוניברסיטת תל-אביב, רמת-אביב

The lecture will also be broadcast live on Zoom | ההרצאה תועבר גם בשידור חי בזום

click here for the Zoom link

Light refreshments will be served before the lecture | כיבוד קל יוגש לפני ההרצאה

פרופסור אביגיל גילמן
המחלקה לשפות וספרויות העולם
אוניברסיטת בוסטון, בוסטון, מסצ'וסטס, ארה"ב

Professor Abigail Gillman
Department of World Languages and Literatures
Boston University, Boston, MA, USA

Lecture | הרצאה

MA SHEMO?: TRANSLATING THE NAMES OF GOD IN GERMAN JEWISH BIBLES

The Lecture will be held on Monday
10 January 2022 , at 14:15
Room 497, Gilman Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני
10 בינואר 2022, בשעה 14:15
חדר 497, בניין גילמן
אוניברסיטת תל-אביב, רמת-אביב

The lecture will also be broadcast live on Zoom | ההרצאה תועבר גם בשידור חי בזום

Zoom Meeting Lecture – Click Here

Light refreshments will be served before the lecture | כיבוד קל יוגש לפני ההרצאה

פרופסור אביגיל גילמן

המחלקה לשפות וספרויות העולם
אוניברסיטת בוסטון, בוסטון, מסצ'וסטס, ארה"ב

Professor Abigail Gillman

Department of World Languages and Literatures
Boston University, Boston, MA, USA

Workshop | סדנה

PARABLE OR PARADOX?
INTERPRETING PARABLES OF GERMAN JEWISH MODERNISM

Abstract

German Jewish modernism witnessed an infusion of parabolic energy, exemplified by writings of Franz Kafka, Martin Buber and Walter Benjamin, as well as by translations of Hasidic Tales, Chinese parables, and Hebrew and Yiddish stories by Shmuel Yosef Agnon and Isaac Leib Peretz. This presentation brings together diverse Gleichnisse to demonstrate a methodology for interpreting parabolic style in modernism as a vital mode of writing, reading and teaching.

The workshop will be held on Tuesday
7 June 2022, at 12:00
Room 479 a, Gilman Building
Tel Aviv University, Ramat-Aviv

הסדנה תתקיים ביום שלישי
7 ביוני 22, בשעה 12:00
חדר 479 א, בניין גילמן
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the workshop | כיבוד קל יוגש לפני הסדנה

Prof. Abigail Gillman with Prof. Galili Shahar

Prof. Abigail Gillman at her lecture

Boston University College of Arts & Sciences
World Languages & Literatures

745 Commonwealth Avenue
Boston, Massachusetts 02215
T 617-358-5032 F 617-358-5030

BOSTON UNIVERSITY

Galili Shahar
Professor of Comparative Literature
The Marcel Reich-Ranicki Chair in German Literature
Head, The Shirley and Leslie Porter School of Cultural Studies
Tel Aviv University

Cc: Ms. Ronit Nevo, Administrative Director, IAS

7 February 2022

Dear Galili,

I hope you are well and enjoying the semester break.

I have been back in Boston now for about three weeks. I am very happy to be home, though we are in the thick of winter, with snow, ice, and freezing temperatures. It has also been a hard time, since a relative recently died from Covid.

First and foremost, I am writing to thank you for making possible my experience as an IAS Distinguished Scholar. The eight weeks I spent at Tel Aviv University were immensely productive and stimulating. From the start, everyone was welcoming and helpful. When I arrived at my apartment from the airport, there were food and treats waiting for me. You introduced me to the incredible community of students and faculty at the School of Cultural Studies; I was extremely gratified by the responses to my lecture on 6 December, "The Labor of Secrecy: Interpreting Parables from the Bible to Kafka." It was gratifying to be able to advise the graduate students, one of whom asked me to write recommendation for an important fellowship. On a daily basis, I took full advantage of the resources in the Sourasky and Wiener Libraries; attended lectures and conferences on campus; and met frequently with faculty members. During the last week of my visit, I gave a presentation to the research group on "Masoret." I made many connections and plans for future collaborations.

During my visit I was also hosted by other universities. At Haifa University, I was invited by the Department of Comparative Literature and by the Bucerius Institute to lecture on my research on German Jewish Bible translation. I also spoke about translation at Ben Gurion University, in the framework of a seminar on Jewish Translation in Early Modern Europe (Jewtact). I presented my

new research in a workshop on "Religion and Secularization of German Jewry" at Bar Ilan University, hosted by the Faculty of Jewish Studies. In Jerusalem, I had a few meetings with scholars at the Hebrew University (especially the Franz Rosenzweig- Minerva Center) and the Van Leer Institute. In December I was invited to be on a dean's committee at the Hebrew University which has continued to meet (on Zoom) since my return.

Let me express how I grateful I am to Ronit Nevo, the Administrative Director of the Institute, for her assistance before, during and even after my visit. In the weeks leading up to my trip, when Israel's policies about foreigners entering the country were in flux and I was nonetheless trying to finalize my plans, I consulted with Ronit daily, by phone and by email. She was always happy to help, and I could count on her to respond to any question within minutes. She assisted with multiple logistics; with paperwork, flights, and housing. It is very much thanks to her that I was able to obtain such an excellent apartment in the Broshim dormitories on campus. During my weeks in Tel Aviv, Ronit continued to help me with numerous matters, from printing, to directions, to medical appointments, and even some assistance for my daughter. Ronit assisted me in particular with preparations for my lecture. In sum: I can't praise her enough.

Looking ahead: I would very much like to return to Tel Aviv for four more weeks, from the end of May into June 2022, to complete the (three-month) term of my fellowship. You and I discussed the possibility of organizing a workshop during that period, on a topic related to our common research areas. And I have other reasons to return. I began a new project on Heinrich Heine's poetry in Hebrew translation, and I need direct access to the Hebrew volumes on the library shelves. I visited the "Heksherim" archive in Ben Gurion University, and I am hoping to spend some time with the Appelfeld archive. I was also invited to give an opening lecture at a conference in Jerusalem on May 23-24.

Galili, I am hoping the IAS will agree to fund a few more weeks of the fellowship during this precious sabbatical year. I am eager to take full advantage of the opportunity which has already been so enriching, even lifechanging for me, and to continue the many collaborations, and fascinating conversations, which marked my eight weeks in Tel Aviv.

Thanks again to you, to Ronit Nevo, and to Director Marek Karliner, for your support.

אביגיל

Abigail Gillman

Professor of Hebrew, German, and Comparative Literature

Boston University

Boston University College of Arts & Sciences
World Languages & Literatures

745 Commonwealth Avenue
Boston, Massachusetts 02215
T 617-358-5032 F 617-358-5030

BOSTON UNIVERSITY

Galili Shahar
Professor of Comparative Literature
Marcel Reich-Ranicki Chair in German Literature
Head, The Shirley and Leslie Porter School of Cultural Studies
Tel Aviv University

5 July 2022

Cc: Ronit Nevo, Administrative Director, IAS

Dear Galili,

I write to express my heartfelt thanks for the opportunity to conduct research at Tel Aviv University as a Distinguished Scholar at the Institute for Advanced Studies, and as a guest of the Porter School of Cultural Studies. I am grateful that I could divide my fellowship into two periods - an arrangement beneficial to my family and also to my research.

The highlights of my Fellowship were the opportunities to present my research on multiple occasions. In addition to the formal lecture on December 6, 2021, in which I laid out the history of the *mashal*, and invited lectures at the Universities of Haifa, Ben Gurion, and Bar Ilan, I taught a workshop in the Cultural Studies Program on June 7, 2022, titled "Parable or Paradox? Interpreting Parables of German Jewish Modernism." Prior to that, I spoke on the parable project in an international workshop on German and Jewish literary encounters at Hebrew University. I also participated in the "Dialogue and Translation Workshop" organized through the Franz Rosenzweig Minerva Research Center for a small group of German, Israeli, and North American scholars.

During my visit, I conducted many hours of research at Sourasky Library, where almost everything I need – the materials on Hebrew and German literatures, and the Judaica collection -- is located on one floor. I recently began investigating older anthologies of tales in the library: collections such as *Mishle Shu'alim* of Berechiah Nakdan, volumes by Y.L. Gordon and M. Y. Berdichevsky, and first editions of Chinese and Hasidic tales edited by Marin Buber. As the word *mashal* conveys, parables and fables have a closely intertwined history, and I am currently writing about Jewish authors who

translated and adapted fables and parables from world literature, as well as tales from the Midrash. I expect to complete two articles for publication based on my research in Tel Aviv in the coming months. I am also preparing a book proposal on "Parabolic Style."

In June, I was excited to have an opportunity to visit the archives in Gnazim, to view manuscripts by famous writers such as Tschernichovsky and David Fogel, and to discover "new" authors, such as Hillel Omer.

During my fellowship, I also continued researching Jewish translation history. Israel is an ideal place to conduct research in that area, both in terms of archival resources, scholars, and the multiple ways in which translation is vital to the history of Israel and to present-day Israel. I began a second research project on the history of Jewish (American and Israeli) translations of Heinrich Heine's poetry. I completed an initial article, "Emma Lazarus, Heinrich Heine and the Splendid Galaxy of Jewish Poetry," which will be published in the volume *In the Face of Adversity: Translating Difference and Dissent* (ed. Thomas Nolden). Sourasky Library has a large collection of editions of Heine in Hebrew. I look forward to returning to Tel Aviv to continue this project.

Over this past year, my contacts with many Israeli scholars evolved into sustaining relationships which are immensely productive for my research and thinking. I look forward to future collaborations and visits to Israel, and to inviting them to the U.S. I valued opportunities to mentor graduate students and younger scholars working on German and Hebrew literature, as well as in translation studies. It was gratifying to discover so many exciting initiatives in Jewish literature, and in the Humanities more broadly, especially among the next generation. I continue to be in with scholars and doctoral students from Tel Aviv University, Hebrew University, University of Haifa and Bar Ilan University.

Let me express how I grateful I am to Ronit Nevo, the Administrative Director of the Institute, for her assistance before, during and after my visit. Ronit's professionalism, generosity, and kindness made all of the logistical arrangements for my fellowship seem like no problem at all. As you are aware, international travel and relocation is challenging on many levels. Ronit made me feel confident that all would be well, and that each and every arrangement was solid and confirmed.

As my sabbatical year comes to a close, I see clearly that my fellowship at Tel Aviv University was not only productive, but also energizing and inspiring. I thank you, Galili, for your enthusiastic leadership and teaching as Director of the Porter School; for your scholarship, which sets the highest standard for research in literary and cultural studies; and for your warm hospitality.

Sincerely yours,

Abigail E. Gillman

Abigail Gillman
Professor of Hebrew, German, and Comparative Literature
Boston University

●●● The Shirley and Leslie Porter School of Cultural Studies

The Lester and Sally Entin Faculty of Humanities
Tel Aviv University

הפקולטה למדעי הרוח ע"ש לסטר וסאלי אנטין
אוניברסיטת תל אביב

●●● בית הספר למדעי התרבות ע"ש שירלי ולסלי פורטר

Prof. Abigail Gillman – A Visiting Report, The School of Cultural Studies, TAU

26.2.2022

Dear Colleagues,

I am delighted to submit my letter – reporting on the research visit of Prof. Abigail Gillman in the framework of the IAS Distinguished Scholar at the Tel Aviv University.

Let me, however, begin with thanking you – Prof. Karliner, Ms. Ronit Nevo, for making the visit of Prof. Gillman possible and for assisting and accompany her throughout her stay. The contribution of your program was significant for her stay during December 2021 – January 2022, which proves itself as very productive indeed.

During her visit Prof. Gillman made a great deal of progress in her major research project on the Parable in Jewish Literatures: presenting and debating her thesis, reading and sharing new theoretical and literary materials – found in our libraries and archives, offering intriguing insights, contributing significantly to our seminars and workshops, while establishing an academic network with both faculty members and graduate students at the School of Cultural Studies and beyond.

One of highlights of her visit – her lecture delivered in the framework our Seminar – dealing with her thesis on the concept and idea of the parable in Franz Kafka's writing – was well received. Prof. Gillman presented an original, compelling thesis regrading the implications of the parable as both modernist and traditional poetic form, which – in her reading, holds a view on the meaningless meaning of human being, namely – a view of the paradox of human experience, which cannot be addressed but by an ambiguous form of expression. Her presentation – bright and well-delivered, was echoed by critique, reflections and questions by the audience, enriching our discussion, marking different path of negotiating the very idea of interpretation. What Prof. Gillman showed us was how the parable "works" in hermeneutic terms.

Following her lecture she visited one of our major research workshops ("Tradition and Critique"), discussing – with faculty members, post-doc candidates and graduate students – her project of bible translation and multi-lingual Jewish writing. Here too – Prof. Gillman enjoyed attention, criticism and supportive remarks – of high intellectual rank and merit.

Prof. Gillman showed herself as a serious, established scholar, who is willing to engage herself in an open, critical academic dialogue, to share her research questions with our colleagues, to study together with and to support young researchers, providing them with advice and encouragement. I myself enjoyed her stay and was delighted to serve as her host. She is an excellent bright, engaged and friendly scholar.

Prof. Gillman, who is not back to Boston, considers her second term at our School, we are supportive of her request and will continuing offering her our host.

Sincerely,

Galili Shahar

The Marcel Reich-Ranicki Chair of German Literature

Professor of Comparative Literature

Chair, the School of Cultural Studies

Tel Aviv University

The Shirley and Leslie Porter
School of Cultural Studies

בית הספר למדעי התרבות
ע"ש שירלי ולסלי פורטר

The Lester and Sally Entin Faculty of Humanities
Tel Aviv University

הפקולטה למדעי הרוח
ע"ש לסטר וסאלי אנטין
אוניברסיטת תל אביב

A Report
Prof. Dr. Abigail Gilman
The Second Term of her Research Visit, June 2022

Dear Colleagues,

I am delighted to submit my short report, asserting the achievements of Prof. Dr. Abigail Gilman during the second term of her research visit at the School of Cultural Studies, supported generously by the Institute for Advanced Studies at the Tel Aviv University.

Prof. Gilman, who during her stay studied with us the trope/genre of the Hebrew Mashal, as represented in the old and new testaments – in the story of the Akedah, for instance, and in modern Jewish and Hebrew literatures, made a great progress in her research, both in the theoretical/conceptual register – due to readings and discussions she participated in the recent months and weeks, and in the analysis of major texts of her research corpus.

In June, upon her return to fulfil the second term of her research, she organized with us a workshop, dedicated to a few of Kafka's prose pieces. Prof. Gilman led the discussion with our post-doc and doctoral candidates, introducing her new insights on Kafka's riddles and the poetic work of the Mashal in her writing. Alongside the workshop she also participated in a few events – panels and lectures – in the framework of our School. During this term she also met with a few of our students – to discuss with them their own research – contributing generously her skills and experience to advice.

Prof. Dr. Gilman is an excellent, bright researcher, a wonderful scholar and a dedicated colleague, engaged and supportive, who contributed to the excellence of our research program.

I wish to thank the Institute, to Ronit and Adi, for their kind, friendly support of Prof. Gilman's visit.

Sincerely,

Galili Shahar
Professor of Comparative Literature
The Marcel Reich-Ranicki Chair in German Literature
Head, The Shirley and Leslie Porter School of Cultural Studies Tel Aviv University

PROFESSOR SHAI SECUNDA

Prof. Shai Secunda, IAS Distinguished Scholar 2021/2022, is the Chair of the Interdisciplinary Study of Religions Program and Jacob Neusner Professor in the History and Theology of Judaism at Bard College, Annandale-On-Hudson, New York, USA.

Prof. Secunda holds a B.T.L. (Bachelor in Talmudic Law) from Ner Israel Rabbinical College, Pikesville, USA (2001); an M.L.A. (Masters of Liberal Arts) from Johns Hopkins University, Baltimore, USA (2003) and a Ph.D. from Yeshiva University, Jerusalem, Israel (2008). He also completed graduate work in Iranian Studies at Harvard University, Cambridge, Massachusetts, USA and The Hebrew University Of Jerusalem, Israel. He conducted his postdoctoral studies at Yale University, New Haven, USA as a Blaustein Fellow and a lecturer in Religious Studies (2007-2009); and at the Hebrew University of Jerusalem, Israel as a Mandel Scholion Fellow (2009-2012) and as a Martin Buber Society Fellow (2012-2016). In 2016, he was appointed Jacob Neusner Professor in the History and Theology of Judaism at Bard College, Annandale-On-Hudson, New York, USA. At Bard College, he also serves since 2019 as the Chair of the Interdisciplinary Study of Religions Program.

In his research, Prof. Secunda reads the Babylonian Talmud and other religious texts of the Sasanian Empire, especially Zoroastrian literature, for cultural and religious history. Prof. Secunda is the author of two books. His first book, "The Iranian Talmud: Reading the Bavli in its Sasanian Context" (University of Pennsylvania, 2014), grounds and theorizes the much-neglected contextual study of the Talmud – the central text in the classical Jewish canon. His second book, "The Talmud's Red Fence: Menstrual Impurity and Difference in Babylonian Judaism and Its Sasanian Context" (Oxford, 2020), explores the shape and development of Jewish practices concerning menstruation in light of corresponding approaches by Zoroastrians, Mandaeans, Syriac Christians, and other religious communities in late antique Mesopotamia. Prof. Secunda also co- edited two books: "Shoshannat Yaakov: Jewish and Iranian Studies in Honor of Yaakov Elman" (Brill, 2012); and "Encounters by the Rivers of Babylon: Scholarly Conversations Between Jews, Iranians and Babylonians in Antiquity" (Mohr Siebeck, 2014). Prof. Secunda's current book project, "Sea of Babylon: Creating the Talmud in Sasanian Mesopotamia", applies new theoretical, methodological, and comparative approaches to the question of how the Talmud became the single textual vehicle transmitting Babylonian rabbinic culture. As part of this research, he is inaugurating the "Topographies of the Talmud" project at the digital humanities "Literary Lab" at Ben Gurion University of the Negev, Israel.

Prof. Secunda's teaching at Bard College covers Jewish religious life and literature, Zoroastrianism, and also method and theory in the study of religion. Besides his regular academic publications, he writes regularly at the Jewish Review of Books, where he reviews scholarship and writes criticism on popular culture, including Israeli television and cinema.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY

פרופסור ש"י סקונדה

התוכנית ללימוד הבינתחומי של הדתות
בארד קולג', אננדייל-און-הדסון, ארה"ב

Professor Shai Secunda

Interdisciplinary Study of Religions Program
Bard College, Annandale-on-Hudson, USA

הרצאה במסגרת סמינר מחקר החוג לפילוסופיה יהודית ותלמוד

Lecture in the framework of a research seminar The Department of Jewish Philosophy and Talmud

THRUST AND PARRY: MINIMALISTS, CONTEXTUALISTS AND THE STUDY OF THE TALMUD'S SASANIAN CONTEXT

The Lecture will be held on Wednesday,
5 January 2022, at 14:15,
Room 206, Rosenberg Building,
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום רביעי,
5 בינואר 2022, בשעה 14:15,
חדר 206, בניין רוזנברג,
אוניברסיטת תל-אביב, רמת-אביב

הרצאה יחד עם פרופ' דומניקו אגוסטיני במסגרת סמינר המחקר "עבודה: כותרת זמנית"
בית הספר למדעי התרבות ע"ש שירלי ולסלי פורטר

Lecture together with Prof. Domenico Agostini in the framework of the research seminar
"Labor: A temporary title", The Shirley and Leslie Porter School of Cultural Studies

LEARNING AND LABOR IN THE TALMUD AND OTHER SASANIAN RELIGIOUS TEXTS

The Lecture will be held on Monday,
28 February 2022, at 16:15,
Room 449, Gilman Building,
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני,
28 בפברואר 2022, בשעה 16:15,
חדר 449, בניין גילמן,
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lectures | כיבוד קל יוגש לפני ההרצאות

Prof. Domenico Agostini, Prof. Shai Secunda and Prof. Galili Shahar

Prof. Shai Secunda at his lecture

Professor Ishay Rosen-Zvi
Department of Jewish Philosophy and Talmud
Tel Aviv University, ISRAEL

CC Ms. Ronit Nevo, Institute of Advanced Studies

Dear Ishay,

I am writing to express my profound gratitude to you, other Tel Aviv faculty members – especially Professors Domenico Agonisti and Omer Michaelis – as well as to Ms. Ronit Nevo, for making my research stay as a Sackler Fellow at Tel Aviv University so successful.

As part of a sabbatical from my position at Bard College, I arrived in Israel in summer 2021 and began embarking on a large research project on the formation of the Babylonian Talmud in its Sasanian context at the National Library of Israel, as well as at the digital humanities Literary Lab at Ben Gurion University of the Negev. My work was progressing nicely in those two institutions, but it was only once I came to the Tel Aviv University campus at the beginning of November, 2021, to take up the position as a Sackler fellow, that I began to feel that I was a member of a proper, active, and coherent academic community.

Ms. Nevo met me on November 1, 2021, my first day on campus, and helped me navigate everything from submitting travel receipts and arranging for a per diem stipend, to securing a library card. She was not only eminently professional in this work, she also exuded the warmth and collegiality I have now come to associate with Tel Aviv University. Already on that first day as a Sackler fellow, Professor Rosen-Zvi arranged for me to meet graduate students in the department for a lively conversation over coffee. The students shared progress on their projects, and asked excellent, productive questions about my own work. On that same day, I began working in a lovely office in the Rosenberg building for Jewish Studies that Professor Rosen-Zvi had secured for me. And that week I joined the department for a toast to

kick off the new semester. It was there that I had the pleasure of first meeting Professor Omer Michaelis, who invited me to join the regular department seminar, and ultimately, later during my stay, to deliver one of the seminars. Those regular and lively departmental gatherings were the highlight of my time as a Sackler fellow.

My research during the period of my fellowship (November 2021-January 2022) was split between reading and writing about what I have begun to call "Talmudic encyclopedism," and mapping one feature of that encyclopedism; namely, all the "tangential" Talmudic material that is unrelated to the Mishnah – the core early-third-century CE text on which it is arranged as a commentary. These two interrelated projects comprise two chapters in my book project on the formation of the Babylonian Talmud. While the work is ongoing and will take me some more months to complete, my time working at Tel Aviv University was crucial in jumpstarting this research. I will of course acknowledge the generous support of the Sackler Institute for Advanced Studies in my future publication.

During my time as a Sackler fellow, I delivered two lectures related to my scholarship. The first, as part of the aforementioned departmental seminar, took place on Zoom, due to the surge of the Omicron virus. There, I revisited some academic controversy concerning the broader project of trying to situate the Babylonian Talmud within its religious context. The discussion was robust and helped me clarify a number of points related to my work. My second talk was delivered alongside Professor Domenico Agostini as part of Professor Galili Shahar's seminar in the School of Cultural Studies. There, I examined the dynamic relationship between work and religious learning in the Talmud. Against scholars who conceived of these interrelations as a conflict between pragmatism and asceticism, I argued that the Babylonian rabbis, like neighboring Zoroastrian sages, conceived of their efforts to study and shape their textual tradition as itself a kind of labor, one that was ideally balanced with other "nation-building" activities, such as communal-identity fashioning and agricultural/economic development.

Apart from these formal activities, being at Tel Aviv allowed me to meet and reconnect with leading scholars related to my research. To take two examples, I had a long and most

productive meeting with Professor Gideon Bohak, where we discussed knowledge production in late antiquity. I also was able to spend quality time with an old friend and past – and we now hope future – academic collaborator, Professor Domenico (Nico) Agostini. Apart from taking the time to respond to my paper at the seminar, Nico was a most gracious host during my time in Tel Aviv. Like Professor Rosen-Zvi and Ms. Nevo, he, too, symbolizes for me the human warmth and intellectual passion of Tel Aviv University.

In closing, I would like to reiterate my thanks for the support of the Mortimer & Raymond Sackler Institute for Advanced Studies at Tel Aviv university. I sincerely hope that I have occasion to again be in Tel Aviv University, and benefit from the warmth and collegiality of that special institution.

Professor Shai Secunda
Jacob Neusner Professor in the History and Theology of
Judaism Bard College
Annandale-on-Hudson, NY, 12504

THE LESTER AND SALLY ENTIN FACULTY OF HUMANITIES
DEPARTMENT OF JEWISH PHILOSOPHY & TALMUD

TEL AVIV UNIVERSITY אוניברסיטת תל אביב

הפקולטה למדעי הרוח ע"ש לסטר וסאלי אנטין
החוג לפילוסופיה יהודית ותלמוד

To Ms. Ronit Nevo, Institute of Advanced Studies 14.03.2022

Dear Ronit,

Academic Report of Prof. Secunda's stay as a IAS Distinguished Scholar for the academic year 2021/2022

Prof. Secunda is a world renown scholars of the Talmud in its Persian contexts. In his stay at Tel-Aviv he worked on his large project on the formation of the Babylonian Talmud in comparison to Sasanian literature and on the nature of "Talmudic encyclopedism".

Prof. Secunda had a substantial contribution in various ways to the department of Jewish Philosophy and Talmud and to the School of Jewish studies as a whole.

a. He met several times graduate students in the department of Jewish Philosophy and Talmud and gave them feedback on their work.
b. He participated regularly in the department seminar, and deliver one of the seminars.
c. He delivered a public lecture together with Professor Domenico Agostini in the School of Cultural Studies.
Apart from these formal events, Prof. Secunda was regular in the Department of Jewish Philosophy and Talmud's life. He was in his office twice a week meeting with colleagues and students and enriching the campus intellectual life. He met many scholars for in depth discussions, among them: Prof. Gideon Bohak, Prof. Domenico Agostini, Prof. Vered Noam, Prof. Adm Afterman, Prof. Youval Rotman and others.

I would like to thank for the support of the Mortimer & Raymond Sackler Institute for Advanced Studies at Tel Aviv university for enabling all this and making the campus a much more enriching and stimulating place.

Sincerely,

Prof. Ishay Rosen-Zvi
Chair, Department of Jewish Philosophy and Talmud
Tel-Aviv Universi

PROFESSOR IVAN SMALYUKH

Prof. Ivan I. Smalyukh**,** IAS Distinguished Scholar for the academic year 2021/2022, is a professor of Physics and Materials Science Engineering, a founding fellow of the Renewable Sustainable Energy Institute, and a professor (courtesy appointment) in the Department of Electrical, Computer, and Energy Engineering at the University of Colorado Boulder, Colorado, USA. Prof. Smalyukh is also a founder of the startup company iFeather Technologies Inc.

Prof. Smalyukh graduated with a B.S/M.S. (1995) with highest honors from Lviv Polytechnic National University, Ukraine and with a Ph.D. in Chemical Physics (2003) from Kent State University, Ohio, USA. He then held postdoctoral studies in several institutions: he served as a postdoctoral researcher at the Liquid Crystal Institute (renamed the Advanced Materials and Liquid Crystal Institute) of Kent State University, and at the research and development company AlphaMicron Inc., Kent, Ohio, USA (2004-2005); as a visiting scientist at the Institute for Lasers, Photonics and Biophotonics of the State University of New York (SUNY) at Buffalo, USA (2004-2006); and as a postdoctoral research associate at the University of Illinois at Urbana-Champaign, USA (2005-2007). In 2007, Prof. Smalyukh joins the University of Colorado Boulder, Colorado, USA, where he still holds position until today. At the University of Colorado Boulder, he served as an assistant professor (2007-2014), as an associate professor (with tenure, 2014-2017) and as a professor (2017-present) in the Department of Physics and the Liquid Crystal Materials Research Center. He was granted a courtesy appointment in the Department of Electrical, Computer, and Energy Engineering as an assistant professor (2011-2014), as an associate professor (2014-2017) and as a professor (2017-present). In 2009, he became a fellow of the Renewable and Sustainable Energy Institute RASEI, a joint institute of the National Renewable Energy Laboratory (NREL) and the University of Colorado Boulder (2009-present). He is also heading the Soft Matter Physics Research Group at the University of Colorado Boulder, a multi-disciplinary research group with about 30 group members (students and postdocs) and with a broad spectrum of research projects. Prof. Smalyukh is also a founder of the startup company iFeather Technologies Inc.

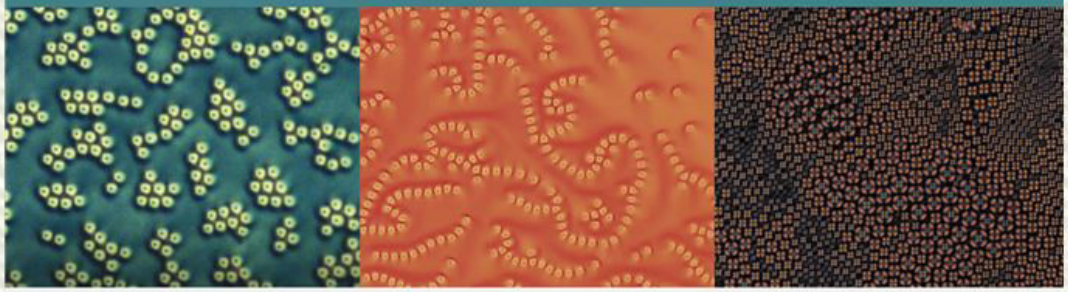
Prof. Smalyukh is an elected fellow of the Photo-optical Instrumentation Engineers Society (2021) and of the American Physical Society (2016). He received many awards, among them: the 2021 Langmuir Lectureship Award of the American Chemical Society; the 2018 Mid-Career Award of the International Liquid Crystal Society (ILCS); he was the 2018 Winner of the NASA iTech competition (as a leader of iFeather team of University of Colorado Boulder); he was awarded the 2017 "Paris Sciences Chair" Award, ESPCI Paris, France; the 2015-2016 GSoft Award for Soft Matter Research from the American Physical Society (APS); the 2014-2015 Friedrich Wilhelm Bessel Research Award, Alexander von Humboldt Foundation, Germany; the 2013 U.S. Department of Energy Early Career Research Award; the 2011 Kavli Frontiers Fellowship, selected by a Selection Committee of the National Academy of Sciences; the 2010 Presidential Early Career Award for Scientists and Engineers (PECASE), Office of Science and Technology Policy; and the 2006 Glenn H. Brown Prize, International Liquid Crystal Society.

Prof. Smalyukh's research focuses on soft condensed matter, materials and biological systems, including liquid crystals, colloids, polymers, bacteria, gels, biomaterials and their photonic, electro-optic and energy-related applications. He published about 230 peer-refereed research articles in top international journals, such as four in the journal "Nature" and four in the journal "Science". Prof. Smalyukh organized many conferences, workshops and summer schools.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars
Center for Physics and Chemistry of Living Systems
Department of Physical Chemistry
School of Mechanical Engineering

המכון ללימודים מתקדמים ע"ש מורטימר וריימונד סאקלר עמיתים מיוחדים במכון
המרכז של פיזיקה וכימיה של מערכות חיות
החוג לכימיה פיזיקלית
בית הספר להנדסה מכנית

TEL AVIV UNIVERSITY אוניברסיטת תל אביב



פרופסור איואן סמליוק

המחלקה לפיזיקה; התוכנית למדע והנדסה של חומרים; המחלקה להנדסת חשמל, מחשבים ואנרגיה; המרכז לחקר חומרים רכים; אוניברסיטת קולורדו בבולדר;
המכון לאנרגיה מתחדשת ובת קיימא בשיתוף המעבדה הלאומית לאנרגיה מתחדשת ואוניברסיטת קולורדו בבולדר
בולדר, קולורדו, ארה"ב

Professor Ivan Smalyukh

Department of Physics; Materials Science and Engineering Program; Department of Electrical, Computer and Energy Engineering; Soft Materials Research Center; University of Colorado at Boulder; Renewable and Sustainable Energy joint Institute of NREL and University of Colorado at Boulder
Boulder, Colorado, USA

Seminar | סמינר

SCHOOLS OF SKYRMIONS WITH TUNABLE ELASTIC INTERACTIONS

Abstract: Coexistence of order and fluidity in soft matter often mimics that in biology, allowing for complex dynamics and applications like displays. In active soft matter, emergent order can arise because of such dynamics. Powered by local energy conversion, this behavior resembles motions in living systems, like schooling of fish. Similar dynamics at cellular levels drive biological processes and generate macroscopic work. Inanimate particles capable of such emergent behavior could power nanomachines, but most active systems have biological origins. Here we show that thousands-to-millions of topological solitons, dubbed "skyrmions", while each converting macroscopically-supplied electric energy, exhibit collective motions along spontaneously-chosen directions uncorrelated with the direction of electric field. Within these "schools" of skyrmions, we uncover polar ordering, reconfigurable multi-skyrmion clustering and large-scale cohesion mediated by out-of-equilibrium elastic interactions. Remarkably, this behavior arises under conditions similar to those in liquid crystal displays and may enable dynamic materials with strong emergent electro-optic responses for technological applications.

The Lecture will be held on Wednesday
23 February 2022, at 11:00 – 12:00
Flekser Hall 118, Kaplun Building
Tel Aviv University, Ramat Aviv

ההרצאה תתקיים ביום רביעי
23 בפברואר 2022, בין השעות 12:00-11:00
אולם פלקסר 118, בניין קפלון
אוניברסיטת תל אביב, רמת אביב

The lecture will also be broadcast live on Zoom | ההרצאה תועבר גם בשידור חי בזום

Zoom Meeting Lecture – Click Here

Light refreshments will be served before and after the lecture | כיבוד קל יוגש לפני ואחרי ההרצאה

Mortimer and Raymond Sackler
Institute of Advanced Studies
IAS Distinguished Scholars

Center for Physics and Chemistry of Living Systems
Department of Physical Chemistry
School of Mechanical Engineering

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

המרכז של פיזיקה וכימיה של מערכות חיות
החוג לכימיה פיזיקלית
בית הספר להנדסה מכנית

TEL AVIV UNIVERSITY
אוניברסיטת תל אביב

פרופסור איואן סמליוק

המחלקה לפיזיקה; התוכנית למדע והנדסה של חומרים; המחלקה להנדסת חשמל, מחשבים ואנרגיה; המרכז לחקר חומרים רכים; אוניברסיטת קולורדו בבולדר;
המכון לאנרגיה מתחדשת ובת קיימא בשיתוף המעבדה הלאומית לאנרגיה מתחדשת ואוניברסיטת קולורדו בבולדר
בולדר, קולורדו, ארה"ב

Professor Ivan Smalyukh

Department of Physics; Materials Science and Engineering Program; Department of Electrical, Computer and Energy Engineering; Soft Materials Research Center; University of Colorado at Boulder; Renewable and Sustainable Energy joint Institute of NREL and University of Colorado at Boulder
Boulder, Colorado, USA

Tutorial | הרצאה מודרכת

INTRODUCTION TO LIQUID CRYSTALS

The Lecture will be held on Wednesday
9 March 2022, at 11:00 – 13:00
Flekser Hall 118, Kaplun Building
Tel Aviv University, Ramat Aviv

ההרצאה תתקיים ביום רביעי
9 במרץ 2022, בין השעות 11:00 - 13:00
אולם פלקסר 118, בניין קפלון
אוניברסיטת תל אביב, רמת אביב

The lecture will also be broadcast live on Zoom | ההרצאה תועבר גם בשידור חי בזום

Tutorial | הרצאה מודרכת

HOMOTOPY THEORY AND CLASSIFICATION OF DEFECTS IN ORDERED MEDIA

The Lecture will be held on Wednesday
23 March 2022, at 11:00 – 13:00
Flekser Hall 118, Kaplun Building
Tel Aviv University, Ramat Aviv

ההרצאה תתקיים ביום רביעי
23 במרץ 2022, בין השעות 11:00 - 13:00
אולם פלקסר 118, בניין קפלון
אוניברסיטת תל אביב, רמת אביב

The lecture will also be broadcast live on Zoom | ההרצאה תועבר גם בשידור חי בזום

Zoom link for the two lectures – click here

Light refreshments will be served before and after the lecture | כיבוד קל יוגש לפני ואחרי ההרצאה

Prof. Yair Shokef and Prof. Ivan Smalyukh

Prof. Ivan Smalyukh at his lecture

Prof. Yair Shokef
School of Mechanical Engineering
Tel Aviv University
Tel Aviv 69978, Israel

Iby and Aladar Fleischman Faculty of Engineering Tel Aviv University

פרופ' יאיר שוקף
בית הספר להנדסה מכנית
אוניברסיטת תל אביב
תל אביב 69978

+972-3-640-8393 shokef@tau.ac.il http://shokef.tau.ac.il

November 22, 2022

Professor Marek Karliner
Head of the Mortimer and Raymond Sackler Institute of Advanced Studies
Tel Aviv University

Prof. Ivan Smalyukh – Visit Summary

Dear Prof. Karliner,

Prof. Ivan Smalyukh of the University of Colorado at Boulder visited Tel Aviv University for a total duration of approximately three months in spring 2022. During this visit, Prof. Smalyukh gave five lectures at Tel Aviv University. The first lecture entitled "Schools of Skyrmions with Tunable Elastic Interactions" was given in the Biological and Soft Matter Physics Seminar. This was followed by three pedagogical tutorial lectures, entitled "Introduction to Liquid Crystals - Part I", "Introduction to Liquid Crystals - Part II", and "Homotopy Theory and Classification of Defects in Ordered Media". Finally, Prof. Smalyukh was one of the key lecturers in a workshop on Computations and Applications of Geometrical and Topological Properties of Liquid Crystals that was held at Tel Aviv University, where he gave his fifth lecture entitled "Interactions of Solitonic Light with Topological Solitons and Defects in Liquid Crystals".

Prof. Smalyukh participated in extended scientific discussions with multiple graduate students and faculty members at Tel Aviv University. His visit certainly contributed to elevating the academic level of the university. I would like to thank you again for accepting Prof. Smalyukh as a Distinguished Scholar of the Mortimer and Raymond Sackler Institute of Advanced Studies.

Sincerely,

Yair Shokef

PROFESSOR RAFAEL PASS

Prof. Rafael Pass, IAS Distinguished Scholar for the academic year 2021/2022, is a professor at Cornell Tech, New York City, USA and in the Department of Computer Science at Cornell University, Ithaca, USA.

Prof. Pass received his bachelor's in Engineering Physics (2000) and his master's in Computer Science (2004), both from the Royal Institute of Technology (KTH) in Stockholm, Sweden, and his Ph.D. in Computer Science (2006) from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He has been on the faculty of Cornell University in Ithaca, USA, since 2006 and joined Cornell Tech - a collaboration between Cornell University and Technion, Israel Institute of Technology, Haifa - in New York City in 2013 as one of its founding faculty members.

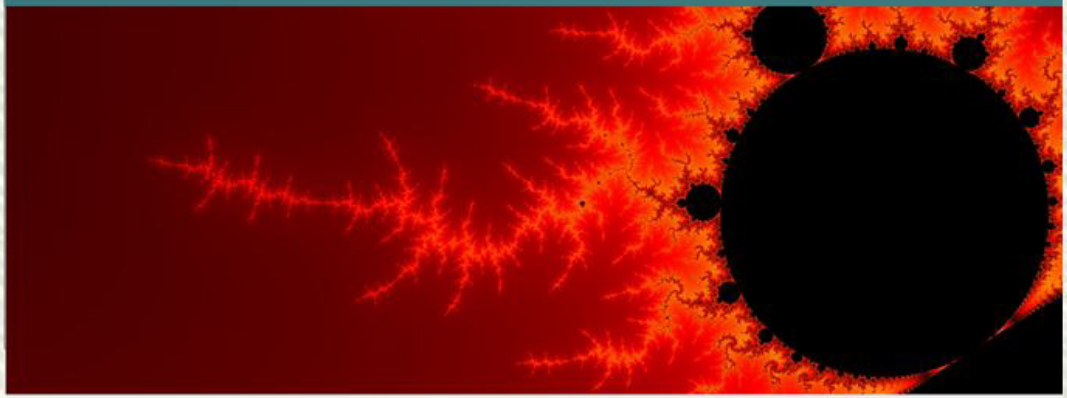
Prof. Pass' research interests are in the field of Cryptography and its interplay with Computational Complexity and Game Theory. His contributions include foundational work on theoretical cryptography, blockchains, and game-theory with resource-bounded agents.

Prof. Pass has received multiple awards for his research, including the NSF Career Award (2008), the Microsoft Faculty Fellowship (2009), the AFOSR Young Investigator Award (2010), the Alfred P. Sloan Research Fellowship (2011), the Wallenberg Academy Fellowship (2013), the Google Faculty Award (2015), the JP Morgan Faculty Fellowship (2020), and the Best paper award at the Annual International Cryptology Conference (2021).

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

TEL AVIV UNIVERSITY אוניברסיטת תל אביב



פרופסור רפאל פס

המחלקה למדעי המחשב
אוניברסיטת קורנל וקורנל טק
ניו יורק, ארה"ב

Professor Rafael Pass

Department of Computer Science
Cornell University and Cornell Tech
New York, USA

הרצאה במסגרת הקולוקוויום במדעי המחשב
Lecture in the framework of the Computer Science colloquium

CRYPTOGRAPHY FROM THE HARDNESS OF KOLMOGOROV COMPLEXITY

Abstract

Whether one-way functions (OWFs) exist is the most important outstanding problem in Cryptography. We will survey a recent thread of work (Liu-Pass, FOCS'20, Liu-Pass, STOC'21, Liu-Pass, Crypto'21) showing the equivalence of the existence of OWFs and (mild) average-case hardness of various problems related to time-bounded Kolmogorov complexity that date back to the 1960s.
These results yield the first natural, and well-studied, computational problems characterizing the feasibility of the central private-key primitives and protocols in Cryptography.

Based on joint works with Yanyi Liu.

The Lecture will be held on Sunday
7 November 2021, at 11:10
Seminar Room 420, Checkpoint Building
Tel Aviv University, Ramat-Aviv

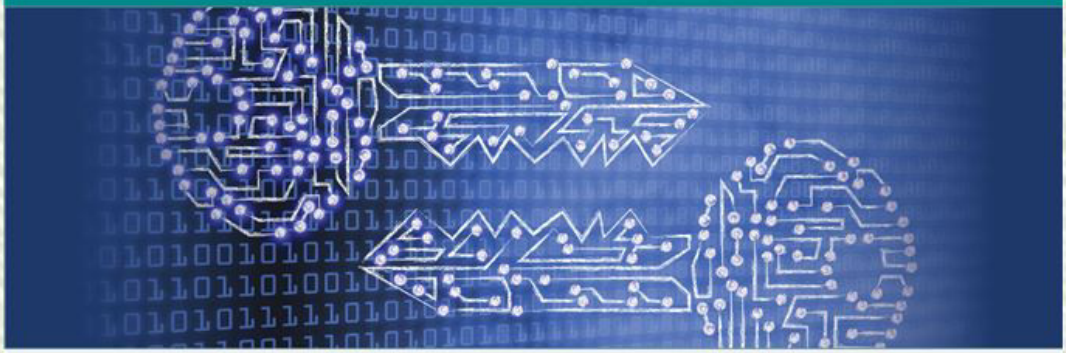
ההרצאה תתקיים ביום ראשון
7 בנובמבר 2021, בשעה 11:10
חדר סמינרים 420, בניין צ'ק פוינט
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lecture | כיבוד קל יוגש לפני ההרצאה

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY



פרופסור רפאל פס

המחלקה למדעי המחשב
אוניברסיטת קורנל וקורנל טק, ניו יורק, ארה"ב

Professor Rafael Pass

Department of Computer Science
Cornell University and Cornell Tech, New York, USA

Lecture in the framework of the GTACS seminar | הרצאה במסגרת הסמינר לקריפטוגרפיה באזור תל אביב רבתי

ON THE POSSIBILITY OF BASING CRYPTOGRAPHY ON EXP != BPP

Abstract

Let Kt(x) denote the Levin-Kolmogorov Complexity of the string x, and let MKtP denote the language of pairs (x,k) having the property that Kt(x) <= k.
We demonstrate that:

- MKtP \notin HeurBPP (i.e., MKtP is *two-sided error* mildly average-case hard) iff infinititely-often OWFs exist.
- MKtP \notin AvgBPP (i.e., MKtP is *errorless* mildly average-case hard) iff EXP != BPP.

Taken together, these results show that the only "gap" towards getting (infinitely-often) OWFs from the assumption that EXP != BPP is the seemingly "minor" technical gap between two-sided error and errorless average-case hardness of the MKtP problem.

Joint work with Yanyi Liu.

The Lecture will be held on Thursday
31 March 2022, at 10:00
Erdi Gallery, Steinhardt Museum of Natural History
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום חמישי
31 במרץ 2022, בשעה 10:00
גלריית ארדי, המוזיאון לטבע ע"ש שטיינהרדט
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lecture | כיבוד קל יוגש לפני ההרצאה

Dr. Omer Paneth, Prof. Rafael Pass and Prof. Iftach Haitner

Prof. Rafael Pass at his lecture

The Blavatnik School of Computer Science
The Raymond and Beverly Sackler Faculty of Exact Sciences
Tel Aviv University

בית"ס למדעי המחשב ע"ש בלווטניק
הפקולטה למדעים מדויקים ע"ש רימונד וביברלי סאקלר
אוניברסיטת תל אביב

September 11, 2022

Prof. Rafael Pass, IAS Distinguished Scholar: Scientific Report

We are delighted to report on the visit of Rafael Pass in Tel Aviv University as an IAS Dis- tinguished Scholar during the academic year 2021-2022. First and foremost, we would like to express our gratitude to the The Mortimer and Raymond Sackler Institute of Advanced Studies and to the generous donors for making this visit possible. During this most successful visit, Rafael collaborated intensively with his hosts in the Blavatnik School of Computer Science and the School of Electrical Engineering, focusing on questions in the intersection of Cryptography and Complexity Theory. He also started several new collaborations with other TAU researchers and students working in Computer Science, Mathematics, and Law. We are also delighted to share that as a result of his visit, Rafael has decided to join the School of Computer Science at TAU as a faculty member.

In the past year, Rafael has made remarkable contributions in the areas of Cryptography and Complexity Theory. Publications based on this research (co-authored by colleagues from TAU and students from Cornell) have already been accepted at some of the top conferences in the Theory of Computation (FOCS, CCC). During his visit, Rafael has discovered some exciting connections between the fields of Kolmogorov complexity and Cryptography, a groundbreaking line of research that he recently initiated. Kolmogorov complexity is a central notion in the Theory of Computation measuring the length of the smallest computer program that can encode a given piece of information. His research uses algorithmic questions and insights from the study of Kolmogorov complexity to shed light on hardness of computational problems that are at the foundation of modern Cryptography. Rafael has also made significant progress in the area of proofs for delegating computation: such proofs allow a computationally weak client to delegate a complex computation to a powerful server, while still being able to check that the computation was performed correctly. Rafael's most recent work develops batch proofs that allow clients to verify multiple computations at the cost of just one.

Amongst the highlights of Rafael's fellowship were the two public lectures he gave on Cryptog- raphy and Kolmogorov complexity in the TAU Computer Science colloquium and the Greater Tel Aviv Area Cryptography Seminar. During his visit, Rafael was also invited to speak at the CS colloquium at the Hebrew university and at the Weizmann Institute, as well as the TAU Math seminar.

It has been a great privilege to host Rafael this past year. We look forward to pursuing the collaborations started with Rafael, and discovering further avenues of collaboration with him in the future.

Sincerely,

Prof. Benny Applebaum, Prof. Iftach Haitner, Prof. Nir Bitansky, Dr. Omer Paneth,
School of Electrical Engineering and Blavatnik School of Computer Science

PROFESSOR MARTIN OHEIM

Prof. Martin Oheim, IAS Distinguished Scholar for the academic year 2021/2022, is director of the Saints-Pères Paris Institute for the Neurosciences, director of research in Neuroscience (DR1), and principal investigator in biophysics of neuro-glia interactions at the French National Research Center (Centre National de la Recherche Scientifique, CNRS), Paris, France.

Prof. Oheim holds an M.A.St. in Applied Mathematics and Theoretical Physics (Part III of the Mathematical Tripos, 1994) from St Edmunds College, Cambridge University, UK, a Physics diploma (M.Sci., 1996) and a Ph.D. in Physics and Biophysics (1998) under the supervision of Nobel-laureate Erwin Neher from Göttingen University, Germany. Following post-doctoral research fellowships in the Max Plank Insitute at the University of Göttingen, Germany (1998-1999), he was appointed assistant professor at the Ecole Supérieure de Physique et Chimie Industrielles (ESPCI), Paris France, where he also served as head of the junior group (2011-2004). He was appointed in 2002 staff researcher at the French National Centre for Scientific Research (CNRS), Paris, France where he holds position until today as director of the Saints-Pères Paris Institute for the Neurosciences (2019-present), director of research in Neuroscience (DR1, 2019-present), and principal investigator in biophysics of neuro-glia interactions (2013-present).

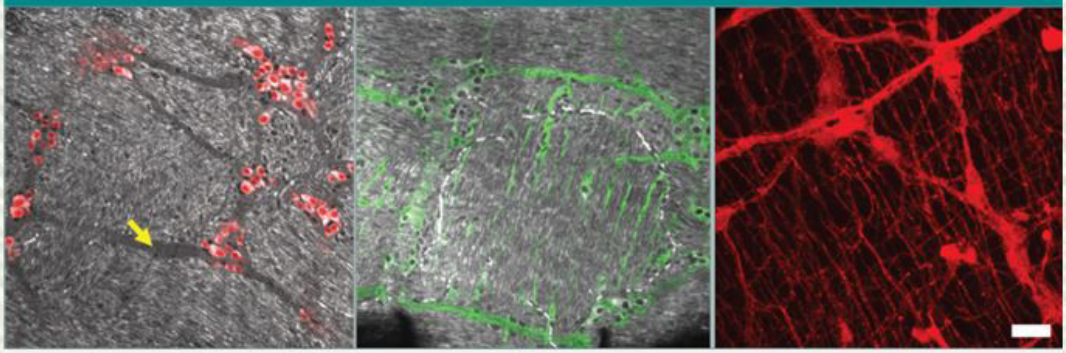
Prof. Oheim is a fellow of the German Academic National Scholarship Foundation and a member of the National network France Bioimaging. He received several recognitions for his work, among them the Gay Lussac Humboldt Award (2019), the prize of the French Society of Lasers in Medical Sciences (2001) and the Otto-Hahn medal of the Max-Planck Society (1999). He was the Joseph-Meyerhoff Distinguished Professor in the Department of Biomolecular Sciences at the Weizmann Institute for Science, Israel (2018). Prof. Oheim was also a member of the excellence clusters of the CNRS support and research unit C'nano Ile-de-France and of the Ecole de Neurosciences de Paris (2013-2017). He was a Feodor-Lynen fellow of the Alexander-von-Humboldt foundation (1999-2002).

Prof. Oheim is an internationally leading biophysicist interested in how intracellular organelle localization and dynamic changes in organelle morphology affect cell physiology and pathophysiology.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

TEL AVIV UNIVERSITY אוניברסיטת תל אביב



פרופסור מרטין אוהיים

מנהל, מכון סנט-פר פריז למדעי המוח
מנהל מחקר, המרכז הלאומי למחקר מדעי (CNRS)
אוניברסיטת פריז סיטה, פריז, צרפת

Professor Martin Oheim

Director, Saints-Pères Paris Institute for the Neurosciences
Director of Research, Centre National de la Recherche Scientifique (CNRS)
Université Paris Cité, Paris, France

Seminar | סמינר

LABEL-FREE 2-PHOTON IMAGING OF THE STRUCTURAL ORGANISATON OF PERIPHERAL NEURONES AND GLIA IN THE ENTERIC GANGLIA

Abstract

Common wisdom has it that intuitions, instincts and basic reactions without a rational basis come from 'gut feeling'. Indeed, the enteric nervous system (ENS) – a dense meshwork of neurones and glia organised in submucosal and myenteric plexuses that controls the function of the gastrointestinal tract – is much more than a primitive outpost of the brain. While the basic circuitry and main neurotransmitters are well-described, recent work - similar to the central nervous system, CNS) has recognised the key roles played by enteric glia in intestinal homeostasis. But although enteric glia share many similarities with CNS astrocytes, there are important differences, and no unique glial marker has been identified. Also, the unexpected complexity provided by this heterogeneous and plastic glial cell population is best studied in intact tissue. In our current work, we present and validate a fast, label-free 3-D imaging technique for rapidly imaging large networks of enteric neurones and glia in their natural habitat, based on intrinsic (autofluorescence and second-harmonic generation) contrast.

The Lecture will be held on Wednesday
23 March 2022, at 11:00
Flekser Hall 118, Kaplun Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום רביעי
23 במרץ 2022, בשעה 11:00
אולם פלקסר 118, בניין קפלון
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lecture | כיבוד קל יוגש לפני ההרצאה

Dr. Pablo Blinder and Prof. Martin Oheim

Prof. Martin Oheim at his lecture

The George S. Wise
Faculty of Life Sciences
Tel Aviv University

Neurobiology, Biochemistry and
Biophysics School
Sagol School of Neuroscience
2 Haim Lebanon
Ramat Aviv
Tel Aviv, 69978
Office: +972-3-640-9640
e-mail: pb@tauex.tau.ac.il
URL: http://pblab.tau.ac.il/

May 1, 2023

The Mortimer & Raymond Sackler Institute of Advanced Studies
Organizing Committee

Here's Prof. Pablo Blinder from the Neurobiology, Biochemistry and Biophysics School at the Tel Aviv University in Israel. It is with much pleasure that I provide here a succinct account of Prof. Martin Oheim's visit under the generous support of the The Mortimer & Raymond Sackler Institute of Advanced Studies.

Prof Martin Oheim's time at TAU was divided into two visits (March 17-28th, 2022 and Dec 26th, 2022 till Jan 4th, 2023). During the first visit Prof. Oheim delivered a fantastic lecture on March 23rd, 2023 titled "LABEL-FREE 2-PHOTON IMAGING OF THE STRUCTURAL ORGANISATON OF PERIPHERAL NEURONES AND GLIA IN THE ENTERIC GANGLIA". During this lecture, Prof Oheim shared with the enthusiastic crowd unpublished data, novel findings and tools. The lecture was extremlly well received and appreciated by the attendants, both faculty members and students.

During the rest of the time in both visits, Prof. Oheim dedicated his time to discuss projects with students in my lab while providing insightful comments. In addition, together with Prof. Oheim, we spend time working together on an optical setup in my laboratory. We have also started to plan a joint grant submission to support this specific ongoing project.

To sum up, the support from the Institute has proven to be pivotal in strengthening the relationship with this leading scientist that would have not spent such a prolonged period of time with our students and researchers.

Sincerely,

Pablo Blinder

PROFESSOR FRANCESCO ANDRIULLI

Prof. Francesco P. Andriulli, IAS Distinguished Scholar for the academic year 2021/2022, is a professor in the Department of Electronics and Telecommunications at the Politecnico di Torino, Turin, Italy.

Prof. Andriulli holds a Laura in Electrical Engineering (2004) from the Politecnico di Torino, Turin, Italy, an M.Sc. in Electrical Engineering and Computer Science (2004) from the University of Illinois at Chicago, Illinois, USA, and a Ph.D. in Electrical Engineering (2008) from the University of Michigan, Ann Arbor, Michigan USA. Following his graduation, he joined the Department of Electrical Engineering at the Politecnico di Torino as a research associate and adjunct professor (2008-2010). In 2010, he was appointed associate professor (2010-2014) at the IMT Atlantique, Brest, France, where he then served as a full professor (2014-2017). In 2017, he was appointed full professor in the Department of Electronics and Telecommunications at the Politecnico di Torino, where he holds the position until today. Prof. Andriulli served as principal investigator on eight national and international projects, currently he is the PI of the European Research Council CoG project, an ERC Consolidator Grant.

Prof. Andriulli is a member of Eta Kappa Nu (the international honor society of the Institute of Electrical and Electronics Engineers), Tau Beta Pi Association, Phi Kappa Phi Honor Society, the International Board of European School of Antennas and of the International Union of Radio Science (URSI). Prof. Andriulli is the recipient of several honors and awards, among them: the ERC grant of the European Union (2016), the EurAAP Leopold B. Felsen Award for Excellence in Electrodynamics (2015), the URSI Issac Koga Gold Medal (triennium 2014-2016) and the IEEE AP-S Donald G. Dudley Undergraduate Teaching Award (2014) and more.

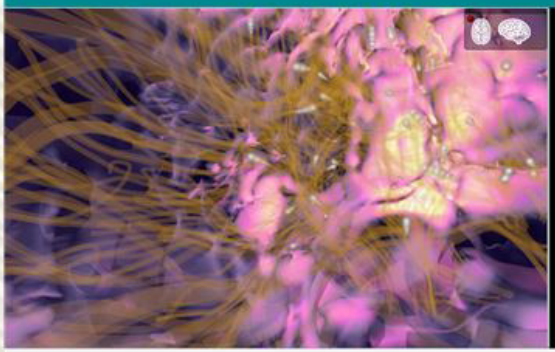
Prof. Andriulli has published more than 50 papers published in international ISI journals and 90 papers in peer-reviewed conference proceedings. He is the recipient of more than 15 awards and distinctions for scientific publications. In addition, Prof. Andriulli is the Editor-in-Chief of the magazine *IEEE Antennas and Propagation*, he serves as a track editor for the *IEEE Transactions on Antennas and Propagation*, and as an associate editor for the journals *IEEE Antennas and Wireless Propagation Letters*, *IEEE Access*, *URSI Radio Science Letters* and *IET Microwaves, Antennas and Propagation*. He also serves as the reviewer of 19 scientific journals.

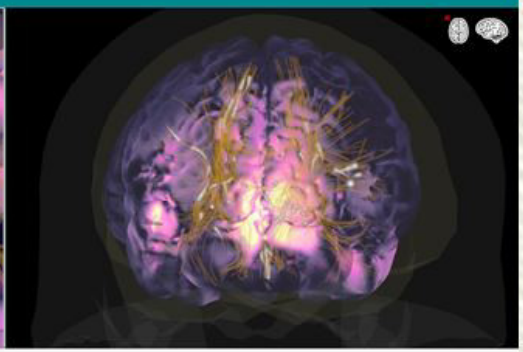
Prof. Andriulli's research interests are in computational electromagnetics with focus on frequency- and time-domain integral equation solvers, well-conditioned formulations, fast solvers, low-frequency electromagnetic analyses, and modeling techniques for antennas, wireless components, microwave circuits, and biomedical applications with a special focus on Brain Imaging.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY





פרופסור פרנצ'סקו אנדריולי

המחלקה לאלקטרוניקה וטלקומוניקציה
הפוליטכני של טורינו, טורינו, איטליה

Professor Francesco P. Andriulli

Department of Electronics and Telecommunications
Politecnico di Torino, Turin, Italy

Tutorial | הרצאה מודרכת

A TUTORIAL ON INTEGRAL EQUATION SPECTRA AND CALDERON PRECONDITIONING STRATEGIES IN ELECTROMAGNETICS

The Tutorial will be held on Wednesday
6 April 2022, at 16:00
Room 011, Engineering Classroom Building
Tel Aviv University, Ramat-Aviv

ההרצאה המודרכת תתקיים ביום רביעי
6 באפריל 2022, בשעה 16:00
חדר 011, בניין כיתות הנדסה
אוניברסיטת תל-אביב, רמת-אביב

Lecture | הרצאה

RECENT ADVANCES IN COMPUTATIONAL ELECTROMAGNETICS FOR HIGH RESOLUTION NEUROIMAGING

The Lecture will be held on Thursday
7 April 2022, at 15:00
Room 011, Engineering Classroom Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום חמישי
7 באפריל 2022, בשעה 15:00
חדר 011, בניין כיתות הנדסה
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lectures | כיבוד קל יוגש לפני ההרצאות

Prof. Francesco Andriulli and Prof. Amir Boag

Prof. Francesco Andriulli at his lecture

TEL AVIV UNIVERSITY

The Iby and Aladar Fleishman Faculty of Engineering
School of Electrical Engineering
Department of Physical Electronics
Prof. Amir Boag

אוניברסיטת תל-אביב

הפקולטה להנדסה ע"ש איבי ואלדר פליישמן
ביה"ס להנדסת חשמל
המחלקה לאלקטרוניקה פיזיקלית
פרופ' אמיר בוג

May 1, 2022

Dr. Sackler
The Mortimer and Raymond Sackler Institute of Advanced Studies
Tel Aviv University

Re: Sackler Lecturer - Prof. Francesco Andriulli

Dear Dr. Sackler,

I would like to thank you and The Mortimer and Raymond Sackler Institute of Advanced Studies at Tel Aviv University for the continuing support of the research at Tel Aviv University through the Sackler Lecturers and Fellows program. This program allowed me to invite Prof. Francesco Andriulli from Politecnico di Torino (Turin, Italy) to visit Tel Aviv University in March-April 2022. I would like to use this opportunity to present you with a brief summary of Prof. Andriulli 's visit.

Prof. Andriulli was a Sackler Lecturer and a guest of the Department of Physical Electronics at Tel Aviv University during the period between March 28 and April 10 this year. Prof. Andriulli is a well-known expert in Computational Electromagnetics (CEM) and as a Sackler Lecturer he presented two lectures "A Tutorial on Integral Equation Spectra and Calderon Preconditioning Strategies in Electromagnetics" and "Recent Advances in Computational Electromagnetics for High Resolution Neuroimaging" on April 6 and 7, respectively. The lectures attracted large audiences of senior researchers and students from Tel Aviv and Ben-Gurion Universities.

During Prof. Andriulli's visit, we also initiated a collaborative research on fast computational algorithms for solving integral equations of CEM. Two main issues addressed in our work is a computational efficiency and stability of the resulting solvers. We plan to prepare a proposal to be submitted to various funding agencies to further support our cooperation. Interaction with Prof. Andriulli also greatly benefited the graduate students in our research group.

Once again, let me thank you personally and the staff of The Mortimer and Raymond Institute of Advanced Studies for your continuing support of the research at Tel Aviv Univesity.

Sincerely,

Amir Boag
Amir Boag
Professor of Electrical Engineering

School of Electrical Engineering • Tel Aviv University • 69978 Tel Aviv • Israel
TEL: +972-3-6408246 • FAX: +972-3-6423508 • E-MAIL: BOAG@ENG.TAU.AC.IL

PROFESSOR JÖRG ENDERLEIN

Prof. Jörg Enderlein, IAS Distinguished Scholar 2021/2022, is a professor in Biophysics at the Third Institute of Physics (Biophysics) of the Georg August University of Göttingen, Germany.

Prof. Enderlein studied Physics at the Odessa I. I. Mechnikov National University, Odessa, Ukraine (1981-1986), and earned a Ph.D. in Physical Chemistry from the Humboldt University of Berlin, Germany (1991). He then worked as a researcher at the company PicoQuant GmbH, Berlin, Germany (1991-1996). In 1996, he earned the fellowship of the German Academic Exchange Service (DAAD) and was a one-year postdoctoral fellow at Los Alamos National Laboratory, USA (1996-1997). In 1997, he was appointed assistant professor (C1) at the University of Regensburg, Germany (1997-2000). In 2000, he received his habilitation in Physical Chemistry from the University of Regensburg. In 2001, he won the Heisenberg fellowship of the German Research Foundation (DFG) and joined the Jülich Research Center, Germany, as a group leader (2001-2006). He then served for one year as a full professor of Biophysical Chemistry at the Eberhard Karls University of Tübingen, Germany (2007-2008). In 2008, he was appointed full professor for Biophysics at the Third Institute of Physics (Biophysics) of the Georg August University of Göttingen, Germany, where he serves until today (2008-present). At the Georg August University of Göttingen, he also served as director (2010-2020) of the Third Institute of Physics (Biophysics) and as dean of the Faculty of Physics (2019-2020).

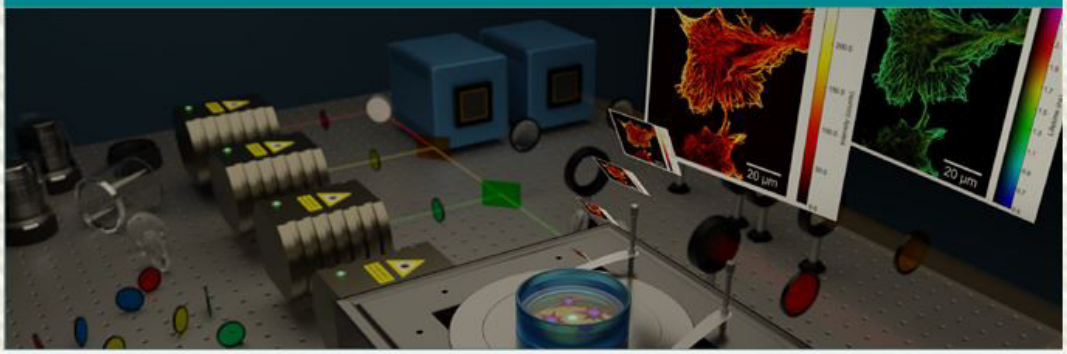
Prof. Enderlein is a member of the German Physical Society, the German Biophysical Society, and of the Biophysical Society. He is the founding editor-in-chief of the journal *Biophysical Reports of the Biophysical Society*.

Prof. Enderlein's research is focused on Single Molecule Spectroscopy and Super-Resolution Microscopy, from basic aspects to biophysical applications. However, the scope of his interests is much wider, from crystallography, hydrodynamics and electrodynamics, to general relativity.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים ע"ש מורטימר וריימונד סאקלר עמיתים מיוחדים במכון

TEL AVIV UNIVERSITY אוניברסיטת תל אביב



פרופסור ד"ר יורג אנדרליין

המכון השלישי לפיזיקה (ביופיזיקה)
אוניברסיטת גיאורג אוגוסט, גטינגן, גרמניה

Professor Dr. Jörg Enderlein

Third Institute of Physics (Biophysics)
Georg August University, Göttingen, Germany

Seminar | סמינר

METAL- AND GRAPHENE-INDUCED ENERGY TRANSFER IMAGING

Abstract

Metal-Induced Energy Transfer (MIET) Imaging is a recently developed method [1] that allows for nanometer resolution along the optical axis. It is based on the fact that, when placing a fluorescent molecule close to a metal, its fluorescence properties change dramatically, due to electromagnetic coupling of its excited state to surface plasmons in the metal. This is very similar to Förster Resonance Energy Transfer (FRET) where the fluorescence properties of a donor are changed by the proximity of an acceptor that can resonantly absorb energy emitted by the donor. In particular, one observes a strongly modified lifetime of its excited state. This coupling between an excited emitter and a metal film is strongly dependent on the emitter's distance from the metal. We have used this effect for mapping the basal membrane of live cells with an axial accuracy of ~3 nm. The method is easy to implement and does not require any change to a conventional fluorescence lifetime microscope; it can be applied to any biological system of interest, and is compatible with most other super-resolution microscopy techniques that enhance the lateral resolution of imaging [2-4]. Moreover, it is even applicable to localizing individual molecules [5-6], thus offering the prospect of three-dimensional single-molecule localization microscopy with nanometer isotropic resolution for structural biology. I will also present latest developments of MIET where we use a single layer of graphene instead of a metal film (graphene-induced energy transfer or GIET) that allows for increasing the spatial resolution down to a few Ångströms [7-9].

The Lecture will be held on Wednesday
30 March 2022, at 11:00
Flekser Hall 118, Kaplun Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום רביעי
30 במרץ 2022, בשעה 11:00
אולם פלקסר 118, בניין קפלון
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lecture | כיבוד קל יוגש לפני ההרצאה

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY

פרופסור ד"ר יורג אנדרליין

המכון השלישי לפיזיקה (ביופיזיקה)
אוניברסיטת גיאורג אוגוסט, גטינגן, גרמניה

Professor Dr. Jörg Enderlein

Third Institute of Physics (Biophysics)
Georg August University, Göttingen, Germany

Seminar of the Biomedical Engineering Department | סמינר המחלקה להנדסה ביו-רפואית

ADVANCED CONCEPTS OF SUPER-RESOLUTION FLUORESCENCE MICROSCOPY

Abstract

With the advent of super-resolution microscopy, the last ~25 years have seen a revolution in optical microscopy, pushing the spatial resolution capabilities of optical microscopy towards length scales that were typically accessible only by electron microscopy. In my presentation, I will give a short overview of the different principal approaches to super-resolution microscopy. I will briefly discuss the concepts of Structured Illumination Microscopy (SIM), Stimulated Emission Depletion (STED) microscopy, and Single Molecule Localization Microscopy (SMLM). Then, I will focus on two specific techniques where our group has contributed most. The first is Image Scanning Microscopy or ISM. This technique uses a simple combination of confocal microscopy with wide-field image detection for doubling the resolution of conventional microscopy. I will present the physical principals behind ISM, and the various kinds of its implementation. Meanwhile, ISM has found broad and wide applications and lies behind state-of-the-art commercial systems such as the extremely successful AiryScan microscope from Carl Zeiss Jena. The second is Metal-Induced Energy Transfer imaging or MIET imaging. I address the axial resolution in microscopy, which is particularly important for resolving three-dimensional structures. MIET is based on the intricate electrodynamic interaction of fluorescent emitters with metallic nanostructures. I will present the basic principles and several applications of this technique.

The Seminar will be held on Sunday
3 April 2022, at 14:00
Room 315, Multidisciplinary Building
Tel Aviv University, Ramat-Aviv

הסמינר יתקיים ביום ראשון
3 באפריל 2022, בשעה 14:00
חדר 315, בניין רב תחומי
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the seminar | כיבוד קל יוגש לפני הסמינר

Prof. Jörg Enderlein and Prof. Yuval Ebenstein

Prof. Jörg Enderlein at his lecture

TEL AVIV UNIVERSITY
Raymond and Beverly Sackler
Faculty of Exact Sciences
School of Chemistry

TEL AVIV UNIVERSITY אוניברסיטת תל אביב

אוניברסיטת תל-אביב
הפקולטה למדעים מדויקים
ע"ש ריימונד ובברלי סאקלר
בית הספר לכימיה

April 10, 2022

To The Mortimer and Raymond Sackler Institute of Advanced Studies

Re: Prof. Dr. Jörg Enderlein, IAS Distinguished Scholar 2021/2022

Dear Marek, Ronit and the rest of the IAS team,

I am pleased to summarize the visit of Prof. Dr. Jörg Enderlein on campus between March 20th and April 8th, 2022. It was a very successful visit for both Jörg and TAU faculty, and as the host I enjoyed the visit tremendously.

The first week of the visit was dedicated to meetings with faculty and students at the School of Chemistry. Jörg has conducted personal meetings with ten faculty members in the department of Physical Chemistry and over ten graduate students that presented their research and discussed science and future opportunities. The second week of the visit revolved around his seminar for the biophysics and light-matter-interaction communities. The seminar titled "Metal and Graphene Induced Energy Transfer Imaging" stirred excitement in our research community and Jörg had fruitful meeting with various researchers from the Faculty of Exact Science and Electrical Engineering. In the week after, Jörg presented a seminar titled "Advanced Concepts of Super-Resolution Microscopy". The presentation was hosted by the Department of Biomedical Engineering and presented the state of the art in fluorescence imaging. Further meeting with the relevant Biomedical Engineering faculty members followed the seminar. I am delighted to say that the meetings held with our researchers have already yielded concrete collaborations and that Jörg has decided to visit TAU again this summer.

I would like to take this opportunity to send our gratitude to the donors who make such important visits possible, and to the IAS team for the flawless organization.

Such activities are of outmost importance for maintaining our international reputation of excellence.

Yours sincerely,

Ebenstein

Dr. Yuval Ebenstein,
Department of Physical Chemistry
School of Chemistry
Tel Aviv University
Ramat Aviv 69978
Tel Aviv, Israel

PROFESSOR ALEX ZUNGER

Prof. Alex Zunger, IAS Distinguished Scholar 2021/2022, is director and chief scientist for Theory in the Center on Inverse Design (CID), and research professor and fellow of the Institute of Renewable and Sustainable Energy at the University of Colorado Boulder, Boulder, USA.

Prof. Zunger graduated from the University of Tel Aviv, Israel, with a B.Sc. (1968), an M.Sc. (1970) and a Ph.D. (in 1975) in Chemical Physics. He received his Ph.D. under the direction of Prof. Joshua Jortner and Prof. Binyamin Englman, with whom he worked on Quantum Theory of Molecular Solids. Prof. Zunger held his postdoctoral research under the guidance of Prof. Art Freeman at the Physics Department of Northwestern University, Evanston, USA (1975-1977), and then under the guidance of with Prof. Marvin Cohen at the Physics Department of U.C. Berkeley, Berkeley, USA (1977-1978) where he was nominated IBM fellow. In 1978, he became a research fellow at National Renewable Energy Laboratory (NREL) Golden, Colorado, USA (1978-2011). At the NREL, he established and headed until 2011 the Solid State Theory group. In 2009, Prof. Zunger won a 5-year research endeavor of $20 million from the U.S. Department of Energy (DOE) and establishes the Center of Inverse Design (CID). In 2011, Prof. Zunger moved to the University of Colorado Boulder, Boulder, USA, as a research professor and a fellow of the Institute of Renewable and Sustainable Energy (2011-present), a joint institute between the University of Colorado Boulder and the NREL. At the University of Colorado Boulder, Prof. Zunger established the Materials by Design group, interacting with the Center on Inverse Design (CID).

Prof. Zunger is a fellow of the American Physical Society and the Materials Research Society, and a past Sackler fellow of the Institute of Advanced Studies, Tel Aviv University, Israel (2011-2012). For his contributions, he received several distinctions and awards, among them: the 2018 Boer Medal for photovoltaic research; the 2013 TMS Hume-Rothery Award on Theory of alloys; the 2011 (inaugural) Materials Theory Award of the Materials Research Society on Inverse Design; the 2010 Tomassoni Prize (Italy); the 2010 Medal of the Schola Physica Romana" celebrating the tradition of E. Fermi; the 2001 John Bardeen award of The Material Society on "Spontaneous Ordering in semiconductor alloys"; the 2001 Rahman Award of the American Physical Society on 'foundational development of First Principles methods'; and the 2009 Gutenberg Award (Germany) on correlated electron systems.

Prof. Zunger research field is the Condensed Matter Theory of Real Materials and he is a pioneer in the field now called "First Principles Theory of Solids". He delivered many hundreds of talks in physics and materials societies, and mentored 85 postdoctoral fellows, many of who are now leading scientists around the world. The impact of Prof. Zunger's work is partially reflected by the high number of citations his papers have received (over 98,000, according to Google Scholar) and by his "h-number" of more than 150 (i.e., 150 of his papers were cited each at least 150 times). He is the author of the fifth-most-cited paper in the 110-year history of *Physical Review* (out of over 350,000 articles published in that journal). In the course of his research, he has authored more than 700 articles in refereed journals, which includes over 150 articles in *Physical Review Letters* and *Rapid Communications* sections of the journal *Physical Review B* and three citation classics. Declared by the Institute of Scientific Information (ISI) as the 39th most-cited physicist out of more than 500,000 physicists examined, based on publications in 1981–1997 in all branches of physics. Prof. Zunger serves as a nominator and consultant for the Physics Nobel Committee in the past five years.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY

CECAM-ISR
cecam

פרופסור אלכס צונגר

אוניברסיטת קולורדו בבולדר
בולדר, קולורדו, ארה"ב

Professor Alex Zunger

University of Colorado Boulder
Boulder, Colorado, USA

Workshop | סדנא

FRONTIERS IN ATOMIC-SCALE UNDERSTANDING OF PROPERTIES OF MATTER VIA THEORETICAL AND COMPUTATIONAL QUANTUM APPROACHES

Background: Numerous contemporary high technologies are enabled by unique properties of special molecules and solids. Identifying them and predicting their relevant properties poses challenges addressed by modern theoretical and computational techniques that will be presented and debated.

Format: A few short prompting expert presentations from the perspectives of physics, chemistry and engineering will be followed by open discussions and questions from the audience. Those who are interested in presenting 1-2 slides on challenging problems, directly related to the topics below, are welcome. Please send your slides to hirshb@tauex.tau.ac.il by April 17th.

Topics will include: Theory of Matter, Density Functional Theory, Artificial Intelligence for Materials, Molecular Dynamics.

Speakers:
Alex Zunger – Energy & Materials, Physics, CU Boulder
Guy Cohen – Chemistry, TAU
Leeor Kronik – Materials, WIS
Amnon Aharony – Physics, TAU
Amir Natan – Engineering, TAU
Barak Hirshberg – Chemistry, TAU

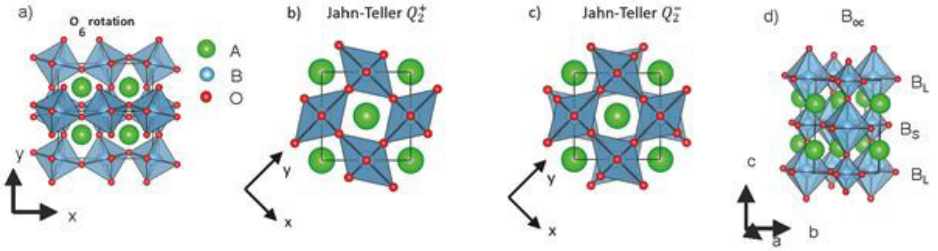
15 min. + discussion per speaker

The Workshop will be held on Sunday
24 April 2022, at 09:00 – 13:00
Room 011, Engineering Classroom Building
Tel Aviv University, Ramat-Aviv

הסדנא תתקיים ביום ראשון
24 באפריל 2022, בין השעות 09:00 - 13:00
חדר 011, בניין כיתות הנדסה
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served | כיבוד קל יוגש

Mortimer and Raymond Sackler Institute of Advanced Studies
https://ias.tau.ac.il



פרופסור אלכס צונגר

מכון לאנרגיה מתחדשת ובת קיימא
אוניברסיטת קולורדו בבולדר
בולדר, קולורדו, ארה"ב

Professor Alex Zunger

Renewable and Sustainable Energy Institute
University of Colorado Boulder
Boulder, Colorado, USA

Condensed Matter Seminar | סמינר בחומר מעובה

THE RISE AND FALL OF INSULATING BAND GAPS IN D-ELECTRON OXIDE PEROVSKITES

Abstract

The seminal 1937 spectroscopic observation by De Boer and Verwey of the insulating character of paramagnetic phases of d electron oxides led N. Mott to the celebrated conclusion that this must be intrinsically a many-body effect, since single-particle band theory would invariably predict an erroneous metallic state in such "Mott" Insulators. This conclusion marked the historical shift in the field - reborn with vengeance with the discovery of high Tc superconductors - placing the focus of attention on the strongly correlated electrons, almost to the exclusion of the effects of ions and spins. This talk will review recent re-examination of this classic paradigm. It turns out that the dismissal of band theory was premature, as it was based on consideration of averaged crystallographic unit cells, a description that washes out all possible local symmetry breaking modes. When such lattice effects are allowed, one finds (i) lower total energy, concomitantly with (ii) the emergence of an insulating state in Mott systems, even without recourse to strong correlation. This requires using in band theory non -averaging (super) cells. Conversely, when temperature (or pressure, or doping) diminishes such local symmetry breaking modes, the source of gaping is removed, leading to the rise of the metallic state. This opens novel opportunities for experimental testing of the role of local, lattice motifs.

The Seminar will be held on Monday
25 April 2022, at 11:00
Flekser Hall 118, Kaplun Building
Tel Aviv University, Ramat-Aviv

הסמינר יתקיים ביום שני
25 באפריל 2022, בשעה 11:00
אולם פקלסר 118, בניין קפלון
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the seminar | כיבוד קל יוגש לפני הסמינר

Dr. Dominik Juraschek, Prof. Alex Zunger and Prof. Yoram Dagan

Prof. Alex Zunger at his lecture

TEL AVIV UNIVERSITY אוניברסיטת תל אביב

Raymond and Beverly Sackler Faculty of Exact Sciences
School of Chemistry

Prof. (Emeritus) Ori Cheshnovsky
Head of the scientific committee- the center for nanoscience and nanotechnology
Tel Aviv University, 69978 Tel Aviv, Israel
Tel 972 3 6408325
orich@tauex.tau.ac.il

May 29, 2022

To: Prof. Marek Karliner, Director
The Mortimer and Raymond Sackler Institute of Advanced Studies

Dear Prof Karliner,

Ref: Account on the visit of Prof. Alex Zunger

Prof. Alex Zunger of the University of Colorado, Boulder has visited us as a Sackler IAS Distinguished Scholar in the period 19.3.22 – 30.4.22. As you know, prof. Zunger has pioneered several methodologies in Condensed Matter Theory of Real Materials, involving foundational work on Density Functional Theory, Pseudopotential theory, Quantum anostructures, Photovoltaic materials and Materials by Design (website: http://www.colorado.edu/zunger-matter-by-design/).

During his visit Alex conducted numerous discussions with TAU colleagues involved in theoretical studies of materials (in Chemistry Physics and Engineering). He has also met relevant experimentalist such as Yoram Dagan, Gil Markovich and myself. Prof. Zunger and I are the recipients of a joint NSF/BSF grant and we were heavily involved in analyzing results and in discussing future plans.

On April 24 2022, we led a special half-day workshop on the subject of: Frontiers in Atomic-Scale Understanding of Properties of Matter via Theoretical and Computational Quantum Approaches. It was moderated by Alex with the active participation of several theoretical experts

On April 24 2022 Prof. Zunger gave a stimulating seminar on the subject of: The Rise and Fall of Insulating Band Gaps in D-Electron Oxide Perovskites.

Altogether, I consider the visit of Prof. Zunger as a very productive scientific experience.

Sincerely,

O. Cheshnovsky

Ori Cheshnovsky
Professor (Emeritus) of Chemistry
Department of Chemical Physics, School of Chemistry
Tel Aviv University

PROFESSOR JOTUN HEIN

Prof. Jotun Hein, IAS Distinguished Scholar 2021/2022, is the chair of Bioinformatics in the Department of Statistics at the University of Oxford, UK.

Prof. Hein held his studies at Aarhus University, Denmark, in Biology and Mathematical Statistics. He graduated with a Bachelor in Biology (1978), a Bachelor in Mathematical Statistics (1981), a Master of Science in Biology with a specialization in Molecular Biology and Genetics, a Master in Mathematics (Non- Thesis Report), and a Ph.D. in Genetics (1990). Between 1985 to 1991, Prof. Hein held postdoctoral studies in several leading institutions: he served as a visiting associate at the National Institute of Environmental Health Sciences (NIEHS), Research Triangle Park, USA, under Norman Kaplan and Charles Langley (1985- 1987); he was a research associate at the Institute of Mathematics, University of Southern California, Los Angeles, USA, under Michael Waterman (1988); he was a postdoctoral fellow at the Centre for Molecular Genetics, University of California San Diego, La Jolla, USA, under Russell Doolittle (1988-1989); at the Centre de Recherches Mathématiques (CRM), University of Montreal, Canada, under David Sankoff (1989-1990); and he was a fellow at National Institute of Genetics, Mishima, Japan, under Takashi Gojobori (1990- 1991). In 1991, he joined Aarhus University as a lecturer, he then served as an associate professor (1994- 2001) and founding director of the Bioinformatics Research Centre (BiRC, May-August 2001). In 2001, Prof. Hein moved to the Department of Statistics of the University of Oxford, UK, where he serves until today as the chair of Bioinformatics.

Since 2002, Prof. Hein is a member of the Danish Royal Society of Science. Prof. Hein has throughout his career been particularly interested in inferring recombination events, statistical models for alignment and annotation. He has published over 100 research papers on these topics and co-authored together with Mikkel
H. Schierup and Carsten Wiuf the book "Gene Genealogies, Variation and Evolution: A primer in coalescent theory" (Oxford University Press, 2004) on Coalescent Theory.

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Prof. Hein teaches and supervises projects in computational biology covering a wide set of topics such as molecular evolution, deep learning in the biosciences, molecular modelling, neuroscience and more at the University of Oxford. Prof. Hein takes most satisfaction in his contribution to algorithms for multiple alignment, recombination inference and genomic annotation.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים ע"ש מורטימר וריימונד סאקלר עמיתים מיוחדים במכון

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY

פרופסור יוטון היין

המחלקה לסטטיסטיקה
אוניברסיטת אוקספורד, אוקספורד, אנגליה

Professor Jotun Hein

Department of Statistics
University of Oxford, Oxford, UK

Lecture | הרצאה

ALGORITHMS FOR RECOMBINATION DETECTION WITH AN APPLICATION TO SARS COV-2

The Lecture will be held on Thursday
7 April 2022, at 14:00
Room 222, Britannia Building (Life Sciences)
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום חמישי
7 באפריל 2022, בשעה 14:00
חדר 222, בניין בריטניה (מדעי החיים)
אוניברסיטת תל-אביב, רמת-אביב

Lecture | הרצאה

OPEN QUESTION IN RECOMBINATION DETECTABILITY

The Lecture will be held on Monday
25 April 2022, at 14:00
Room 222, Britannia Building (Life Sciences)
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני
25 באפריל 2022, בשעה 14:00
חדר 222, בניין בריטניה (מדעי החיים)
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lectures | כיבוד קל יוגש לפני ההרצאות

Prof. Jotun Hein and Prof. Tal Pupko

Prof. Jotun Hein at his lecture

TEL AVIV UNIVERSITY אוניברסיטת תל אביב
The George S. Wise הפקולטה למדעי החיים
Faculty of Life Sciences ע"ש ג'ורג' ס' וייז

בית הספר למחקר ביו-רפואי ולחקר הסרטן ע"ש שמוניס
The Shmunis School of Biomedicine and Cancer Research

7 August 2022

A report about the IAS Distinguished Scholar visit of Prof. Jotun Hein to Israel

Dear Mortimer & Raymond Sackler Institute of Advanced Studies donors and heads. First, I would like to thank the center for providing these wonderful opportunities to host world-leading scholars at Tel-Aviv University. Such efforts are in line with the goal of Tel-Aviv University to become more international and to increase its academic level.

Prof. Hein is a professor in Oxford UK, whose main research interests are in the field of computational biology. He has a very deep understanding of genomics, bioinformatics, molecular evolution, statistics, and recently, machine learning. During his visit at TAU, he gave two detailed talks about state-of-the-art research topics such as recombination and ancestral graphs. These talks were attended by various group members across campus, including the medicine school, life science faculty, exact science, and engineering.

During his visit, Prof. Hein spent numerous hours discussing current research challenges with many faculty members and their students (Prof. Nir Ben-Tal, Prof. Martin Kupiec, Prof. Itay Mayrose, Prof. Dorothee Huchon, Prof. Adi Stern, Prof. Ron Shamir, to name a few). He gave excellent and valuable comments and suggestions regarding research to many research students including my own (he is acknowledged for this contribution in one of the manuscripts we have recently submitted). Together with a master student under my supervision, we have started a joint research project that we hope will be published by the end of the student's master course.

All in all, it was great having him visit TAU, and share his knowledge and experience with us. I would like to thank you again for having Prof. Hein as a visit scholar.

Sincerely,

Tal Pupko, Ph.D.
Prof. Molecular Evolution and Bioinformatics
The Edouard Seroussi Chair for Protein Nanobiotechnology
Head, The Shmunis School of Biomedicine and Cancer Research,
Tel Aviv University
Tel Aviv 6997801, Israel

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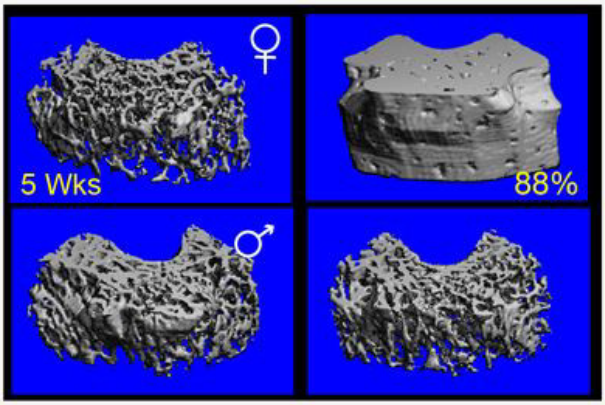
PROFESSOR NANCY LANE

Prof. Nancy E. Lane, M.D., IAS Distinguished Scholar 2021/2022, is a distinguished professor of Medicine and Rheumatology, principal investigator at the NIH Building Interdisciplinary Research Careers in Women's Health (BIRCWH), co-principal investigator and director of the USBJD/NIH Young Investigators Grant Writing Initiative, and co-principal investigator of the NIH/NIDCR Regenerative Medicine Initiative, at the School of Medicine of the University of California, Davis, USA.

Prof, Lane holds a B.S. in Biochemistry (with highest honors, 1976) from the University of California, Davis, USA, and an M.D. (1980) from the University of California, San Francisco, USA. Following her medical training program, Prof. Lane joined the division of Rheumatology of the Department of Medicine at the University of California, San Francisco, USA, where she served as an assistant professor of Medicine (1990-1994), and an associate professor of Medicine (1995-2003). In 2005, she transitioned to the University of California, Davis, USA, where she was appointed distinguished professor of Medicine and Rheumatology, Dean's Endowed Chair in Aging Research (2005-2020), vice chair for Research in the Department of Medicine (2005-2009), director of the Center for Healthy Aging (2005-2010), and director of the Academic Geriatric Resource Program (2005-2014). At UC Davis, she also served as the director of the Center for Musculoskeletal Health (2011-2020), director of the K12 NIH Building Interdisciplinary Research Careers in Women's Health (BIRCWH, 2011-2020) where she still holds position today as a principal investigator (2020-present), and principal investigator of the NIH funded Program on Sex Differences in Musculoskeletal Diseases Across the Lifespan (2011-2020). In addition, Prof. Lane is currently the director and co-principal investigator of the NIH/USBJI young investigators program to teach junior faculty how to write grants and be successful in an academic career, and co-principal investigator of the NIH/NIDCR Regenerative Medicine C-DOCTOR initiative.

Prof. Lane was president of the Board of the United States Bone and Joint Decade (2006-2008), co-led the International Bone and Joint Decade Conference in Washington DC (2010), served on the council of the American Society of Bone and Mineral Research (2010-2013) and the Orthopedic Research Society. Prof. Lane is a board member of the Osteoarthritis Research Society International (2020), a fellow of the American Society of Bone and Mineral Research (2019), a member of the American Clinical and Climatological Association (2018), a fellow of the American Association for the Advancement of Science (2017), a scientific advisor committee member of the International Osteoporosis Foundation (2013), an elected member of the National Academy of Medicine (2012), a member of the Association of Osteobiology (2007), and a member of the Association of American Physicians (2006). For all her contributions Prof. Lane received several awards, among them: the Laureate Award from Northern California Chapter of the ACP (2019); the Steven Krane Award, American Society of Bone and Mineral Research (2016); the Paula Stern Lifetime Achievement Award, ASBMR September (2013); the Remodeling in Bone (RIB) Award, International Society of Bone and Mineral Research (2012); Master of the American College of Physicians (2012); and the International Bone Joint Decade Outstanding Achievement Award for Mentoring Workshops (2008). In addition, Prof. Lane has been named Best Doctors in America annually since 2004 and continues to have an active rheumatology practice.

Prof. Lane is on the editorial boards of *The Journal of Clinical Rheumatology*, *The Journal of Musculoskeletal Medicine*, *The Journal of Rheumatology*, *Osteoporosis International*, *Arthritis Research, Arthritis Self-Management*, *Nature Reviews Rheumatology*, *Journal Rheumatology*, *Osteoarthritis and Cartilage*, *Seminars in Arthritis and Rheumatism* (Associate Editor), *Rheumatology Network*, and the *Journal of Rheumatic Diseases and Treatment*. Prof. Lane is an internationally recognized scientist in the fields of both osteoporosis and osteoarthritis. Her translational research team has been instrumental in defining the role of glucocorticoids in bone fragility including their effects on cell stress and vulnerable cell populations including osteocytes.



פרופסור ננסי ליין

מופקדת הקתדרה ברפואה ובראומטולוגיה;
חוקרת ראשית, המכונים הלאומיים לבריאות,
מרכזים לחקר הבדלי מין;
המרכז הרפואי של אוניברסיטת קליפורניה בדייוויס
דייוויס, קליפורניה, ארה"ב

Professor Nancy Lane, M.D.

Distinguished Professor of Medicine
and Rheumatology;
PI NIH, P50 Center for Specialized Centers for Research in Sex Differences;
University of California Davis Medical Center
Davis, California, USA

הרצאה במסגרת הסמינר המחלקתי של החוג לאנטומיה ואנתרופולוגיה

Lecture given as part of the Department of Anatomy and Anthropology seminar

OSTEOPOROSIS UPDATE AND A NOVEL BONE-BRAIN CONNECTION

The lecture will be held on Tuesday
12 April 2022, at 14:00
Hall 201, Faculty of Medicine Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שלישי
12 באפריל 2022, בשעה 14:00
אולם 201, בניין הפקולטה לרפואה
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lecture | כיבוד קל יוגש לפני ההרצאה

Prof. Drorit Neumann, Prof. Nancy Lane and Prof. Yankel Gabet

Prof. Nancy Lane at her lecture

Sackler Faculty of Medicine
Tel Aviv University
אוניברסיטת תל אביב

Dept. of Anatomy & Anthropology
החוג לאנטומיה ואנתרופולוגיה

Professor Yankel Gabet, D.M.D., Ph.D.
Chairman, Dept. of Anatomy & Anthropology

April 24, 2022

To

The Review Committee for nomination of IAS Distinguished Scholars

Summary of Dr Lane's visit

It has been our privilege and pleasure to host Prof. Nancy E. Lane as the 2022 IAS Distinguished Scholar and host of the Healthy Longevity Research Center. During her visit, from April 10 to 12, 2022, she gave a plenary lecture at the Faculty of Medicine, and met in person with several faculty members and students.

Nancy E. Lane, MD is a Distinguished Professor of Medicine, Rheumatology, and Aging Research, Director for the Center for Musculoskeletal Health, Director of the K12 NIH Building Interdisciplinary Research Careers in Women's Health (BIRCWH), and Principal Investigator of the NIH funded Program on Sex Differences in Musculoskeletal Diseases Across the Lifespan at the University of California at Davis School of Medicine where she served for 8 years.

Dr. Lane is an internationally recognized scientist in the fields of both osteoporosis and osteoarthritis. Her translational research team has been instrumental in defining the role of glucocorticoids in bone fragility including their effects on cell stress and vulnerable cell populations including osteocytes. As a faculty member at the University of California at San Francisco, she pioneered a seminal clinical trial to demonstrate that daily injections of the hormone PTH could reverse glucocorticoid-induced osteoporosis. After transitioning to U.C. Davis, she a developed a novel compound to direct stem cells to the bone to grow new bone and treat osteoporosis. Recently, Dr. Lane is working on brain derived factors that can augment peak bone mass. In addition, she has uncovered novel genetic variations that predispose individuals to osteoarthritis and has studied novel treatments for osteoarthritis. She organized and directs an NIH funded junior faculty grant writing workshop that has taught over 300 junior faculty in musculoskeletal medicine grant writing skills that has resulted in a 45% success rate in applicants receiving research grants (2006-present).

Dr. Lane has been recognized by the University, her medical residents, subspecialty fellows, and by her faculty peers as an outstanding mentor with the UC Davis Dean's Award for Scientific Mentoring (2008). Her research accomplishments have been recognized by the UC Davis School of Medicine Dean's Team Science Award (2012), the American College of Rheumatology for the Oscar Gluck Memorial Lecture for outstanding work in Osteoporosis (2011), the Remodeling in Bone "RIB Award" by the International Society of Bone and Mineral Research (2012), her election as a Master of the American College of Physicians (2012) and David Trentham Lectureship and Women in Medicine Lectureship at Harvard Medical School (2013). She is also the recipient of the Bone and Joint Decade Outstanding Achievement Award for developing a mentoring program in grant writing (2009).

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E-mail: yankel@tau.ac.il

Dr. Lane was President of the Board of the United States Bone and Joint Decade (2006-2008), co-led the International Bone and Joint Decade Conference in Washington DC (2010), was elected and served on the council of the American Society of Bone and Mineral Research (2010-2013), and the Orthopedic Research Society, and the Northern California Arthritis Foundation.

Dr. Lane is on the editorial boards of *Nature Reviews Rheumatology*, *Rheumatology* (Associate Editor), *Seminars in Arthritis and Rheumatism* (Associate Editor), Co-editor *Arthritis and Rheumatism* (2005-2010), and the *Journal of Rheumatology*; She was elected to the Association of American Physicians (2006), has been named Best Doctors in America annually since 2004, and continues to have an active rheumatology practice.

During her lecture entitled **"Osteoporosis update and a novel bone and brain connection", Dr Lane** presented mouse data on a mechanism that involves steroid receptors in the brain and their role in the regulation of bone homeostasis.

During her visit, she met with students and faculty members and we discussed potential collaboration with Prof Drorit Neumann and myself on a project that focuses on the role of erythropoietin on bone resorption. Dr Lane has access to an extensive human cohort, MrOs, with bone measurement and hormonal data.

Overall, her visit has been very positive and educational, with possibly new research avenues between Tel Aviv University and UC Davis. We are all very grateful to the donors of the IAS and this wonderful program that contribute greatly to our faculty recognition in the international arena.

Sincerely,

Y. Gabet

Yankel Gabet, DMD, PhD,
Head, Department of Anatomy and Anthropology

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PROFESSOR JAN GRABOWSKI

Prof. Jan Grabowski, IAS Distinguished Scholar 2021/2022, is a professor of History at the University of Ottawa, Canada.

Prof. Grabowski graduated with an M.A. in History from the University of Warsaw, Poland (1986) and with a Ph.D. in History from the University of Montreal, Canada (1994). In 1993, he joined the University of Ottawa, Canada, as an assistant professor of History (1993-2001). At the University of Ottawa, he then served as an associate professor of History (2001-2009), chair of the Department of History (2005-2008), and he presently holds the position of full professor of History (2009-present).

Prof. Grabowski is a fellow of the Royal Society of Canada. In 2020, Prof. Grabowski has been appointed a distinguished fellow at the Institute of Contemporary History in Munich, Germany. He also received the 2019 Arie van Mansum Annual Award for the outstanding Holocaust Educator.

Prof. Grabowski is the Founding Member of the Polish Centre for Holocaust Research, an academic and research center at the Polish Academy of Sciences in Warsaw, Poland (2005-2019). Prof. Grabowski is the author of eight books and 41 peer-reviewed articles. His book "Hunt for the Jews. Betrayal and Murder in German-Occupied Poland" (Indiana University Press, 2013), has been awarded the Yad Vashem International Book Prize for 2014. In 2018, he co-edited and co-authored "Dalej jest noc" (a two-volume study of the fate of the Jews in selected counties of occupied Poland), to be published later this year in English. His most recent book "On Duty. The Role of the Polish "Blue" Police in the Holocaust" ("Na Posterunku. Udział Polskiej Policji Granatowej i kryminalnej w Zagładzie Żydów", Czarne Publishing House), has been published in Poland, in March 2020.

Prof. Grabowski's research includes the issues surrounding the extermination of the Polish Jews as well as the history of Jewish-Polish relations during the 1939-1945 period.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars
The Stephen Roth Institute for the Study of Contemporary Antisemitism and Racism

המכון ללימודים מתקדמים ע"ש מורטימר ורימונד סאקלר עמיתים מיוחדים במכון
המכון לחקר האנטישמיות והגזענות בימינו ע"ש סטפן רוט

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY

פרופ' יאן גרבובסקי

המחלקה להיסטוריה
אוניברסיטת אוטווה, אונטריו, קנדה

Professor Jan Grabowski

Department of History
University of Ottawa, Ontario, Canada

Public Lecture | הרצאה פומבית

THE CHALLENGES OF WRITING HISTORY IN CONTEMPORARY POLAND

The Lecture will be held on Tuesday
26 April 2022, 12:00
Room 496, Gilman Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שלישי
26 באפריל 2022, בשעה 12:00
חדר 496, בניין גילמן
אוניברסיטת תל-אביב, רמת-אביב

סמינר המחקר הבין-אוניברסיטאי בתוכנית בלימודי רוסיה ומזרח אירופה לסטודנטים מתקדמים וחוקרים
Inter-University Research Seminar in Russian and Eastern European Studies
for advanced students and research fellows

HOLOCAUST IN POLAND: NEW QUESTIONS, NEW SOURCES

The Seminar will be held on Sunday
1 May 2022, 18:00
Room 133, Gilman Building
Tel Aviv University, Ramat-Aviv

הסמינר יתקיים ביום ראשון
1 במאי 2022, בשעה 18:00
חדר 133, בניין גילמן
אוניברסיטת תל-אביב, רמת-אביב

סדנה לתלמידי מחקר בשיתוף פעולה עם ספריית וינר לחקר התקופה הנאצית והשואה

Workshop for research students in collaboration with the Wiener Library
for the Study of the Nazi Era and the Holocaust

BETWEEN THE CENTER AND THE PERIPHERY IN HOLOCAUST RESEARCH: INNOVATIONS AND CHALLENGES

The Workshop will be held on Sunday
15 May 2022, 10:00 – 14:00
Wiener Library
Tel Aviv University, Ramat-Aviv

הסדנה תתקיים ביום ראשון
15 במאי 2022, בין השעות 10:00 - 14:00
ספריית וינר
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before each event | כיבוד קל יוגש לפני כל ארוע

Prof. Jan Grabowski, Prof. Roni Stauber and Prof. Dina Moyal

Prof. Jan Grabowski at his lecture

TEL AVIV UNIVERSITY אוניברסיטת תל אביב

THE LESTER AND SALLY ENTIN FACULTY OF HUMANITIES
DEPARTMENT OFJEWISH HISTORY

הפקולטה למדעי הרוח
ע"ש לסטר וסאלי אנטין
החוג להיסטוריה של עם ישראל

August 1st. 2022

The Institute for Advanced Studies
Tel Aviv University

We wish to express our deepest thanks to the institute, its staff, and its donors for the invitation of Prof. Jan Grabowski as an IAS Distinguished Scholar for the academic year 2021/2022.

Prof. Jan Grabowski was at the university between April 24 - May 19, 2022, and took an active part in a variety of academic activities, including a public lecture, a seminar for students in an inter-university program, a workshop for advanced research students in the study of the Holocaust and a podcast recording. In these meetings, Prof. Grabowski met with various groups that characterize the diverse academic community of Tel Aviv University and presented different research and methodological perspectives. Along presenting innovative research topics, Prof. Grabowski analyzed the complex issue of memory and commemoration. Furthermore, Prof. Grabowski used his visit to Tel Aviv University and met with various institutions, including The Ghetto Fighters House, Yad Vashem, and more.

This diverse activity would not have been possible without the support of the kind donors of the IAS and without the cooperation of various institutions within the university that mobilized to host Prof. Grabowski, including: The Stephen Roth Institute for the Study of Contemporary Antisemitism and Racism (Prof. Amos Morris-Reich and Dr. Scott Ury); The Goldstein-Goren Diaspora Research Center (Prof. Roni Stauber); The inter University Partnership in Russian and East European Studies (Dr. Dina Moyal); Wiener Library for the Study of the Nazi Era and the Holocaust (Prof. Jose Brunner, Dr. Laure Line Yehuda); and the Institute for the History of Polish Jewry and Israel-Poland Relations (Dr. Dror Segev, Prof. Havi Dreifuss).

Prof. Grabowski's visit enabled an in-depth discussion on various issues at the forefront of research and commemoration of the Holocaust of Polish Jews and contributed significantly to the academic work of many, including students and scholars alike.

We thank the IAS and its donors for making this important visit possible,
Sincerely yours,

Prof. Morris-Reich, The Stephen Roth Institute for the Study of Contemporary Antisemitism and Racism
Prof. Roni Stauber, The Goldstein-Goren Diaspora Research Center
Dr. Dina Moyal, The inter University Partnership in Russian and East European Studies
Prof. Jose Brunner, Wiener Library for the Study of the Nazi Era and the Holocaust
Havi Dreifuss, Institute for the History of Polish Jewry and Israel-Poland Relations

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PROFESSOR MICHAEL GLANZBERG

Prof. Michael Glanzberg, IAS Distinguished Scholar for the academic year 2021/2022, is a professor in the Department of Philosophy, and a member of the Executive Council and affiliate faculty of the Center for Cognitive Science at Rutgers University, New Jersey, USA.

Prof. Glanzberg graduated with a B.A. in Philosophy and Mathematics from the University of Pennsylvania, Philadelphia, USA (1987), an M.A. in Mathematics from the University of Michigan, Ann Arbor, USA (1989), and a Ph.D. in Philosophy from Harvard University, Cambridge, USA (1997) under Charles Parsons and Warren Goldfarb. He held several positions in the Department of Linguistics and Philosophy at the Massachusetts Institute of Technology (M.I.T.), Cambridge, USA: lecturer (1996-1997), assistant professor (1997-2002), and associate professor (untenured, 2002-2003). Then he served for one year as an associate professor in the Department of Philosophy at the University of Toronto, Canada (2003-2004). In 2004, he was appointed associate professor in the Department of Philosophy at the University of California, Davis, USA, and where he held the positions of member of the Linguistics Graduate Group (2006-2011) and professor (2008-2011). In 2011, he joined Northwestern University, Evanston, USA, where he served as a professor in the Department of Philosophy (2011-2020), as well as affiliate faculty in the Cognitive Science Program (2011-2020), and Linguistics (2013-2020). Since 2020, he is a professor in the Department of Philosophy (2020-present) at Rutgers University, New Jersey, USA. Since 2021, he is a member of the Executive Council and an affiliated faculty of the Center for Cognitive Science at Rutgers University (2021-present).

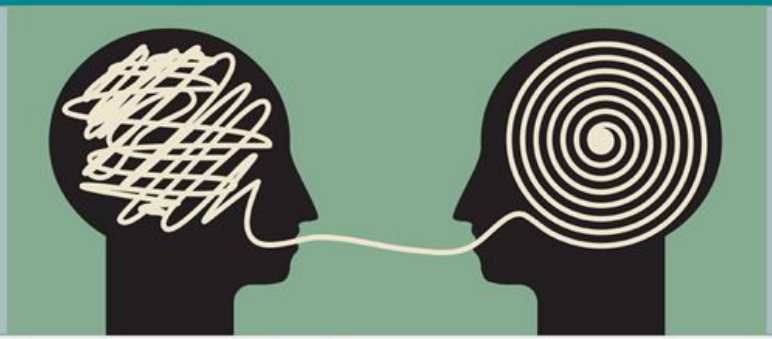
Prof. Glanzberg is the co-author (with Jc Beall and David Ripley) of the book "Formal Theories of Truth" (Oxford University Press, 2018), and the editor of the "Oxford Handbook of Truth" (Oxford University Press, 2018).

Prof. Glanzberg's research is mainly in the areas of philosophy of language and logic, with strong connections to metaphysics and philosophy of psychology and cognitive science. In the philosophy of language, he has focused on such topics as the nature of linguistic meaning and the way meanings connect to concepts and cognition, the ways meaning and context of utterance interact, the interface between semantics, pragmatics, and syntax, and the role of mathematical techniques in the empirical study of language. In philosophical and mathematical logic, he has worked extensively on issues related to truth and paradox, and the status of unrestricted quantification.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY



פרופסור מייקל גלנזברג

המחלקה לפילוסופיה
אוניברסיטת ראטגרס
ניו ברונסוויק, ניו ג'רזי, ארה"ב

Professor Michael Glanzberg

Department of Philosophy
Rutgers University
New Brunswick, NJ, USA

הרצאה במסגרת הסמינר המחלקתי של החוג לפילוסופיה
Lecture in the framework of the Philosophy Department Seminar

PRECISE MEANINGS AND LOOSE CONCEPTS: ROLES FOR UNDERDETERMINATION AND IMPRECISION IN FORMAL SEMANTICS

The Lecture will be held on Wednesday
18 May 2022, at 16:15
Room 449, Gilman Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום רביעי
18 במאי 2022, בשעה 16:15
חדר 449, בניין גילמן
אוניברסיטת תל-אביב, רמת-אביב

Lecture | הרצאה

LOGIC, LOGICS AND NATURAL LANGUAGE

The Lecture will be held on Wednesday
25 May 2022, at 16:15
Room 449, Gilman Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום רביעי
25 במאי 2022, בשעה 16:15
חדר 449, בניין גילמן
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lectures | כיבוד קל יוגש לפני ההרצאות

Mortimer and Raymond Sackler Institute of Advanced Studies
https://ias.tau.ac.il

Dr. Ofra Rechter and Prof. Michael Glanzberg

Prof. Michael Glanzberg at his lecture

TEL AVIV UNIVERSITY @ אוניברסיטת תל-אביב

THE LESTER AND SALLY ENTIN FACULTY OF HUMANITIES
DEPARTMENT OF PHILOSOPHY

הפקולטה למדעי הרוח ע"ש לסטר וסאלי אנטין
החוג לפילוסופיה

21. 09. 2022. Fellowship

Program
Mortimer and Raymond Sackler Institute of Advanced Studies
Tel Aviv University

Professor Michael Glanzberg, Distinguished Fellow

Concluding Report

Prof. Michael Glanzberg of Rutgers university, a prominent leading analytic philosopher, was my guest at the philosophy department 6.5.22-9.6.22. Thanks to generous hospitality of the Sackler Institute of Advanced Studies at TAU, our community had the benefit of his extensive and serious engagement. It is thus my privilege to report on the visit's accomplishments.

On May 11 and 12, Prof. Glanzberg gave a two-talk long overview of cutting edge research about the interface between language and cognition. A pivotal area in contemporary analytic philosophy to which Glanzberg's important contributions pave the way to major developments rooted in his novel account of how cognitive science and formal semantics intertwine within the framework of philosophy of language more traditionally conceived. On May 18th, Prof. Glanzberg delivered the first official lecture of the visit, at the departmental colloquium, entitled "Precise meanings and loose concepts: Roles for underdetermination and imprecision in formal semantics". He held an informal meeting for the benefit of the initiated students on the following day, May 19th. On May 25, a broader forum of advanced students and faculty members convened for a special lecture titled: "Logic, Logics and Natural Language". The lively discussion that ensued was then carried further by the students and colleagues with whom he held tête-à-tête or small group lunch meetings throughout his visit. Some students also met with Glanzberg to discuss their own projects for feedback and guidance. Over and above all that, Michael participated in two meetings of my seminar "Between Logic and Intuition in Analytic Philosophy", that we devoted to his important papers on truth and paradox.

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All the meetings and lectures were well attended by members of the department's faculty and our students of all levels and persuasion. Glanzberg's focus on the entanglements between formal semantics and philosophy of language attracted also members of the linguistics department: faculty, postdocs and advanced students. In this way the visit had a substantial supporting impact on our philosophy-linguistics interaction. Prof. Glanzberg himself is involved in several of these interactions that potentially lead to future collaboration. Prof. Glanzberg met with the dean of the faculty of humanities, and with the vice president for international collaborations. Michael Glanzberg and I have collaborated on projects in the area of foundations of logic and arithmetic such as putting together a conference and a collection of essays for which we jointly secured funding. We are currently co-editing a special issue of the journal *Inquiry*. A research project in which contemporary analytic work with historical scholarship fit in a single framework, is among the subjects of prospective future collaborations. Prof. Glanzberg's met with the Dean of the Faculty of Humanities, and with the vice-president in charge of international academic collaborations.

The visit was a great success, and we are most grateful to the Institute of Advanced Studies for making it possible.

Dr. Ofra Rechter
Department of Philosophy

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PROFESSOR MICHAEL SNYDER

Prof. Michael Snyder, IAS Distinguished Scholar 2021/2022, is the Stanford W. Ascherman Professor of Genetics, chair of the Genetics Department and the director of the Center of Genomics and Personalized Medicine at the School of Medicine, Stanford University School of Medicine, Stanford, California, USA.

Prof. Snyder holds a B.A. in Chemistry and Biology (1977) from the University of Rochester, Rochester, New York, USA, and Ph.D. in Biology (1982) from the California Institute of Technology, Pasadena, California, USA. He carried out postdoctoral training at Stanford University School of Medicine, Stanford, California, USA (1982-1986). In 1986, Prof. Snyder joined the Department of Biology at Yale University, Connecticut, USA, where he served as assistant professor (1986-1990), associate professor (1990-1997), and professor (1997-2009). At Yale University, he was also appointed associate professor/professor in the Department of Molecular Biophysics and Biochemistry, (joint appointment, 1992-2009), and chair of the Department of Molecular, Cellular and Developmental Biology (1998-2004). In 2002, he was appointed director of Undergraduate Studies (2002-2009) and Lewis B. Cullman Professor (2002-2009) in the Department of Molecular, Cellular and Developmental Biology. Prof. Snyder also served as a member of Yale Comprehensive Cancer Center (1991-2009), and as the director of Yale Center for Genomics and Proteomics (2002-2009). In 2009, Prof. Snyder moved to Stanford University School of Medicine, where he holds the positions of chair of the Department of Genetics and director of the Center for Genomics and Personalized Medicine. In 2011, he was named Stanford W. Ascherman Professor of Genetics. Furthermore, for the past 25 years Prof. Snyder has served as a principal investigator of an NIH training grant and run many programs serving underrepresented groups. He has also run an independent lab for 35 years and trained approximately 160 postdoctoral fellows and 60 graduate students.

Prof. Snyder is a member of the American Academy of Sciences (2015), and was previously a member of the Genetics Society of America and Meetings Committee (2006-2010) and the Genetics Society of America Board of Directors (2006-2009). For his contributions, Prof. Snyder was awarded several distinctions, among them: he was selected as high impact/most cited scientists several times (2000, 2018, 2016, 2014); he received the George Beadle Award (2019), the Pioneer Award, HUPO (2009), the Connecticut Medal of Science (2007), the Burroughs Wellcome Scholar Award (1986), and more.

Prof. Snyder is the author of the book "Genomics and Personalized Medicine: What Everyone Needs to Know" (2016, Oxford University Press). Prof. Snyder is also on the Editorial Board of several journals: *Functional and Integrative Genomics, Molecular and Cellular Proteomics, Drug Discovery Today, PloS Genetics, Genes and Development, Editorial Board, Molecular Systems Biology, Scientific American, Molecular Cellular Proteomics* and *Clinical Proteomics*.

Prof. Snyder is a leader in the field of functional genomics and multiomics, and one of the major participants of the ENCODE project. His laboratory study was the first to perform a large-scale functional genomics project in any organism, and has developed many technologies in genomics and proteomics.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

The Healthy Longevity Research Center

המכון ללימודים מתקדמים ע"ש מורטימר וריימונד סאקלר עמיתים מיוחדים במכון

המרכז לחקר אריכות ימים בריאה

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY

פרופסור מיכאל סנייידר

פרופסור לגנטיקה ע"ש סטנפורד אשרמן
ראש המחלקה לגנטיקה
מנהל, המרכז לגנומיקה ורפואה מותאמת אישית
אוניברסיטת סטנפורד, קליפורניה, ארה"ב

Professor Michael Snyder

Stanford W. Ascherman Professor of Genetics
Chair, Department of Genetics
Director, Center for Genomics and Personalized Medicine
Stanford University, CA, USA

Lecture | הרצאה

BIG DATA, HEALTH AND COVID-19

The lecture will be held on Sunday
22 May 2022, at 13:00
Room 120, Faculty of Medicine Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום ראשון
22 במאי 2022, בשעה 13:00
חדר 120, בניין הפקולטה לרפואה
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lecture | כיבוד קל יוגש לפני ההרצאה

Mortimer and Raymond Sackler Institute of Advanced Studies
https://ias.tau.ac.il

Prof. Michael Snyder and Prof. Karen Avraham

Prof. Michael Snyder at his lecture

Department of Human Molecular Genetics & Biochemistry
Sackler School of Medicine
Sackler Faculty of Medicine
Tel Aviv University

Prof. Karen B. Avraham
Vice Dean

החוג לגנטיקה מולקולרית של האדם ולביוכימיה
בית הספר לרפואה ע"ש סאקלר
הפקולטה לרפואה ע"ש סאקלר
אוניברסיטת תל אביב

פרופי קרן אברהם
משנה לדקאן

May 25, 2022

Thank you for choosing Professor Michael Snyder to be part of the IAS Distinguished Scholars Program. Professor Snyder is the Chair of Genetics and the Director of the Center of Genomics and Personalized Medicine at Stanford University School of Medicine.

While visiting, Professor Snyder spoke about his technology that provides continuous health monitoring to enable personalized risk prediction and early disease detection. Since his laboratory was the first to perform longitudinal multi 'omics (i.e. genomics, proteomics, metabolomics) profiling of individuals in order to detect health changes over time, which has facilitated disease risk prediction and enabled early disease onset detection, he described the strategy he has taken in this work. His team has pioneered the use of wearable technology for continuous health monitoring using smart devices and demonstrated that infectious respiratory diseases including COVID can be detected presymptomatically. He shared this data with us and described how we can implement these tools to predict COVID in Israel.

Prof. Snyder travelled to Tel Aviv and presented his research at Tel Aviv University during the week of May 22-25, 2022. As a member of the International Scientific Advisory Board (SAB) of the Healthy Longevity Center, he met with me, the head of the Center, to brainstorm about the Center. He met with several scientists from the Faculty of Medicine and the Faculty of Life Sciences to discuss and begin potential collaborations. His lecture was delivered on May 22, 2022. He attended and was a speaker at the Human Genome Meeting, organized by Tel Aviv University on May 24-25, 2022. During this time, he met with Principal Investigators and PhD students from Tel Aviv University.

In summary, Professor Snyder is one the most preeminent system biologists of our time. It was an incredible opportunity to have him join us at Tel Aviv University as an IAS Scholar and as a member of the SAB of the Health Longevity Center.

Sincerely yours,

Prof. Karen Avraham
Drs. Sarah and Felix Dumont Chair for Research of Hearing Disorders
Vice Dean
Faculty of Medicine

Tel Aviv University, Tel Aviv 6997801 | Tel 972-3-6406642 | Fax. 972-3-6409360 | e-mail: karena@tauex.tau.ac.il

PROFESSOR JONATHAN SELINGER

Prof Jonathan Selinger, IAS Distinguished Scholar 2021/2022, is an Ohio Eminent Scholar and a professor of Physics in the Physics Department and the Advanced Materials and Liquid Crystal Institute, at Kent State University, Kent, Ohio, U.S.A.

Prof. Selinger graduated in Physics from Harvard University, Cambridge, U.S.A., with an A.B. (*summa cum laude*, 1983), an A.M. (1985) and a Ph.D. (1989) under the direction of Prof. David R. Nelson. He then did postdoctoral research in Los Angeles, with positions at the University of California, Los Angeles (UCLA) in the Department of Physics and at the California Institute of Technology (Caltech) in the Department of Chemical Engineering. In 1992, he moved to the U.S. Naval Research Laboratory in Washington, D.C., as a research physicist (1993-2005) in the Center for Bio/Molecular Science and Engineering. There, he also served as the chairman of the Core Planning Committee, managing internal basic research funds (2003-2005), and as deputy head of the Laboratory for Biosensors and Biomaterials (2004-2005). In 2005, he joined the Glenn H. Brown Liquid Crystal Institute (renamed in 2018 Advanced Materials and Liquid Crystal Institute) of Kent State University, Kent, Ohio, U.S.A., where he serves until now as an Ohio Eminent Scholar (2005-present). In 2017, he also joined the Physics Department of Kent State University as a professor of Physics.

Prof. Selinger is a fellow of the American Association for the Advancement of Science (2020) and the American Physical Society (2014). He received several distinctions, including the Samsung Award for Mid-Career Research Excellence from the International Liquid Crystal Society (2014).

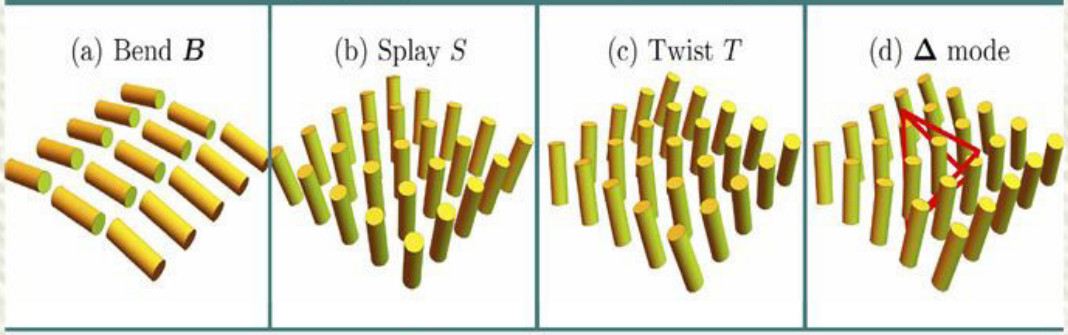
In addition to these research and teaching positions, Prof. Selinger has also served as associate editor of *Physical Review E*, responsible for the liquid-crystal section of the journal (2003-2009). He is also the author of the book "Introduction to the Theory of Soft Matter: From Ideal Gases to Liquid Crystals" (Springer, 2016). This book has received favorable reviews in *Physics Today* and *Liquid Crystals Today*.

Prof. Selinger's research focuses on the theory of liquid crystals, nanoparticle suspensions, and related topics in soft materials, and seeks to make connections between fundamental statistical mechanics and technological applications.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars
Center for Physics and Chemistry of Living Systems
School of Mechanical Engineering
Faculty of Engineering

המכון ללימודים מתקדמים ע"ש מורטימר וריימונד סאקלר עמיתים מיוחדים במכון
המכון לפיזיקה וכימיה של מערכות חיות
בית הספר להנדסה מכנית
הפקולטה להנדסה

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY



פרופסור יונתן זלינגר

המחלקה לפיזיקה, התוכנית לתארים מתקדמים במדע החומרים
המכון לחומרים מתקדמים וגבישים נוזליים
אוניברסיטת קנט סטייט, קנט, אוהיו, ארה"ב

Professor Jonathan Selinger

Department of Physics, Materials Science Graduate Program
Advanced Materials and Liquid Crystal Institute
Kent State University, Kent, Ohio, USA

Biological and Soft Matter Physics Seminar | סמינר פיזיקה של חומר ביולוגי ורך

DIRECTOR DEFORMATIONS, GEOMETRIC FRUSTRATION AND MODULATED PHASES IN LIQUID CRYSTALS

The seminar will be held on Wednesday
1 June 2022, at 11:00
Flekser Hall 118, Kaplun Building
Tel Aviv University, Ramat-Aviv

הסמינר יתקיים ביום רביעי
1 ביוני 2022, בשעה 11:00
אולם פלקסר 118, בניין קפלון
אוניברסיטת תל אביב, רמת-אביב

Lecture in the framework of the symposium | הרצאה במסגרת הסימפוזיון
Computations and Applications of Geometrical and Topological Properties of Liquid Crystals

GEOMETRY AND MECHANICS OF DISCLINATIONS IN NEMATIC LIQUID CRYSTALS

The lecture will be held on Sunday
12 June 2022, at 9:30
Melamed Hall, Shenkar Physics Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום ראשון
12 ביוני 2022, בשעה 9:30
אולם מלמד, בניין שנקר
אוניברסיטת תל אביב, רמת-אביב

Light refreshments will be served before and after the lectures | כיבוד קל יוגש לפני ואחרי ההרצאות

Prof. Yair Shokef and Prof. Jonathan Selinger

Prof. Jonathan Selinger at his lecture

Prof. Yair Shokef
School of Mechanical Engineering
Tel Aviv University
Tel Aviv 69978, Israel

Iby and Aladar Fleischman
Faculty of Engineering
Tel Aviv University

פרופ' יאיר שוקף
בית הספר להנדסה מכנית
אוניברסיטת תל אביב
תל אביב 69978

+972-3-640-8393 shokef@tau.ac.il http://shokef.tau.ac.il

November 22, 2022

Professor Marek Karliner
Head of the Mortimer and Raymond Sackler Institute of Advanced Studies
Tel Aviv University

Prof. Jonathan Selinger – Visit Summary

Dear Prof. Karliner,

Prof. Jonathan Selinger of Kent State University visited Tel Aviv University for a total duration of approximately one and a half months in spring 2022. During this visit, Prof. Selinger gave three lectures at Tel Aviv University. The first lecture entitled "Director Deformations, Geometric Frustration, and Modulated Phases in Liquid Crystals" was given in the Biological and Soft Matter Physics Seminar. This was followed by a pedagogical tutorial lecture entitled "Very Informal Tutorial on Topological Defects". Finally, Prof. Selinger was one of the key lecturers in a workshop on Computations and Applications of Geometrical and Topological Properties of Liquid Crystals that was held at Tel Aviv University, where he gave his third lecture entitled "Geometry and Mechanics of Disclinations in Nematic Liquid Crystals".

Prof. Selinger participated in extended scientific discussions with multiple graduate students and faculty members at Tel Aviv University. His visit certainly contributed to elevating the academic level of the university. I would like to thank you again for accepting Prof. Selinger as a Distinguished Scholar of the Mortimer and Raymond Sackler Institute of Advanced Studies.

Sincerely,

Yair Shokef

PROFESSOR ROBIN SELINGER

Prof. Robin L. Blumberg Selinger, IAS Distinguished Scholar 2021/2022, is a professor of Physics at the Department of Physics and the Advanced Materials and Liquid Crystal Institute, at Kent State University, Kent, U.S.A.

Prof. Selinger holds an A.B. (cum laude, 1984), an A.M. (1986) and a Ph.D. (1989) in Physics from Harvard University, Cambridge, U.S.A. She conducted postdoctoral research in the Department of Chemistry at the University of California, Los Angeles, U.S.A. (1989-1992); at the Institute for Physical Science and Technology at the University of Maryland, College Park, U.S.A. (1992-1994); and she served as a NRC Postdoctoral Fellow at the National Institute of Standards and Technology, U.S.A. (1994-1995). In 1996, she was appointed assistant professor at the Catholic University of America, Washington, D.C, U.S.A., where she also served as associate professor (1996-2005). She was for a year a sabbatical visitor at the Naval Research Laboratory, USA (2002-2003). In 2005, Prof. Selinger joined the Advanced Materials and Liquid Crystal Institute of Kent State University, Kent, Ohio, U.S.A., where she serves also as a professor of Physics.

Prof. Selinger was elected a fellow of the American Physical Society (APS) in 2016. She currently serves as an elected member of the APS Council and the APS Board of Directors. She also serves as a speaker-elect of the APS Council and will serve as a speaker of the Council in 2022.

Prof. Selinger's research interests lie in theoretical/computational studies in liquid crystals and other soft materials. She works with molecular scale, mesoscale, and continuum simulation techniques, and a major unifying theme throughout her research is the study of topological defects and their role in transport, microstructure, and shape evolution.

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars
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School of Mechanical Engineering
Faculty of Engineering

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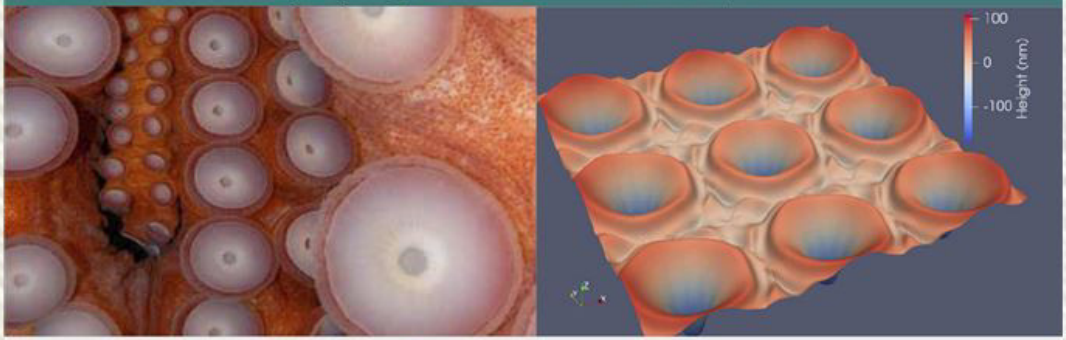
אוניברסיטת תל אביב
TEL AVIV UNIVERSITY



פרופסור רובין זלינגר

המחלקה לפיזיקה
המכון לחומרים מתקדמים וגבישים נוזליים
אוניברסיטת קנט סטייט, קנט, אוהיו, ארה"ב

Professor Robin Selinger

Department of Physics
Advanced Materials and Liquid Crystal Institute
Kent State University, Kent, Ohio, USA

Biological and Soft Matter Physics Seminar | סמינר פיזיקה של חומר ביולוגי ורך

MODELING PROGRAMMABLE SHAPE-MORPHING DYNAMICS IN LIQUID CRYSTAL ELASTOMERS

The seminar will be held on Wednesday
8 June 2022, at 11:00
Flekser Hall 118, Kaplun Building
Tel Aviv University, Ramat-Aviv

הסמינר יתקיים ביום רביעי
8 ביוני 2022, בשעה 11:00
אולם פלקסר 118, בניין קפלון
אוניברסיטת תל אביב, רמת-אביב

Lecture in the framework of the symposium | הרצאה במסגרת הסימפוזיון
Computations and Applications of Geometrical and Topological Properties of Liquid Crystals

FRANK-READ SOURCES IN NEMATIC LIQUID CRYSTALS: ENGINEERED MECHANISM FOR HETEROGENEOUS DEFECT NUCLEATION

The lecture will be held on Sunday
12 June 2022, at 13:30
Melamed Hall, Shenkar Physics Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום ראשון
12 ביוני 2022, בשעה 13:30
אולם מלמד, בניין שנקר
אוניברסיטת תל אביב, רמת-אביב

Light refreshments will be served before and after the lectures | כיבוד קל יוגש לפני ואחרי ההרצאות

Prof. Yair Shokef and Prof. Robin Selinger

Prof. Robin Selinger at her lecture

Prof. Yair Shokef
School of Mechanical Engineering
Tel Aviv University
Tel Aviv 69978, Israel

Iby and Aladar Fleischman Faculty of Engineering
Tel Aviv University

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תל אביב 69978

+972-3-640-8393 shokef@tau.ac.il http://shokef.tau.ac.il

November 22, 2022

Professor Marek Karliner
Head of the Mortimer and Raymond Sackler Institute of Advanced Studies
Tel Aviv University

Prof. Robin Selinger – Visit Summary

Dear Prof. Karliner,

Prof. Robin Selinger of Kent State University visited Tel Aviv University for a total duration of approximately one and a half months in spring 2022. During this visit, Prof. Selinger gave two lectures at Tel Aviv University. The first lecture entitled "Modeling Programmable Shape-Morphing Dynamics in Liquid Crystal Elastomers" was given in the Biological and Soft Matter Physics Seminar. Prof. Selinger was one of the key lecturers in a workshop on Computations and Applications of Geometrical and Topological Properties of Liquid Crystals that was held at Tel Aviv University, where she gave her second lecture entitled "Frank-Read Sources in Nematic Liquid Crystals: Engineered Mechanism for Heterogeneous Defect Nucleation".

Prof. Selinger participated in extended scientific discussions with multiple graduate students and faculty members at Tel Aviv University. Her visit certainly contributed to elevating the academic level of the university. I would like to thank you again for accepting Prof. Selinger as a Distinguished Scholar of the Mortimer and Raymond Sackler Institute of Advanced Studies.

Sincerely,

Yair Shokef

PROFESSOR MICHAEL RENOV

Prof. Michael Renov, IAS Distinguished Scholar for the academic year 2021/2022, is The Haskell Wexler Endowed Chair in Documentary, chair and professor of Critical Studies, and vice-dean for Academic Affairs in the School of Cinematic Arts at the University of Southern California (USC), Los Angeles, USA.

Prof. Renov graduated with a B.A. (with honors) in English from Tulane University, New Orleans, USA (1972), an M.A. in Film Studies from San Francisco State University, USA (1977), and a Ph.D. in Motion Pictures and Television from the University of California, Los Angeles, USA (1982). He joined in 1985 the School of Cinematic Arts (SCA) at the University of Southern California (USC), Los Angeles, USA, where he holds position until today. At the SCA, he served as an assistant professor in Critical Studies (1985-1988), an associate professor in Critical Studies (1988-1995), a chair of Critical Studies (1995-present), a vice-dean of Academic Affairs (2004-present) and as the Haskell Wexler Endowed Chair in Documentary (2016-present).

Prof. Renov is one of three principal investigators for the American Film Showcase, a program funded by the U.S. Department of State. Prof. Renov is also president of the board of trustees of Canyon Cinema Foundation, a 50-year-old nonprofit organization that archives and distributes more than 3500 independent, experimental and artist-made films. In addition to curating documentary programs around the world, Prof. Renov has served as a jury member at documentary festivals including Sundance, Silverdocs, the Buenos Aires International Independent Film Festival, Brazil's It's All True, the International Environmental Festival of Film and Video, also in Brazil, and DocLisboa in Portugal.

Prof. Renov has taught graduate seminars around the world and led documentary workshops in Jordan for the Royal Film Commission and in Cyprus. In 1993, he co-founded "Visible Evidence", a series of international and highly interdisciplinary documentary studies conferences that have, to date, been held on five continents. In 2005, Prof. Renov co-programmed the 51st annual Robert Flaherty Seminar, a week-long gathering of documentary filmmakers, curators, and educators, creating 20 screening programs and filmmaker dialogues on the theme "Cinema and History."

Prof. Renov is the author and editor of eight books including: "Hollywood's Wartime Woman: Representation and Ideology" (Ann Arbor, MI: UMI Research Press, 1988); "Theorizing Documentary" (New York: Routledge and the American Film Institute, 1993), "Collecting Visible Evidence" (Minneapolis: University of Minnesota, 1999), "The Subject of Documentary" (Minneapolis: University of Minnesota Press, 2004), "Cinema's Alchemist: The Films of Peter Forgacs and From Shtetl to Stardom: Jews and Hollywood" (Minneapolis: University of Minnesota Press, 2011). Prof. Renov is one of four general editors for the "Investigating Visible Evidence" book series at Columbia University Press with 28 volumes on various aspects of nonfiction media published since 1997

Prof. Renov's teaching and research interests include documentary theory, autobiography in film and video, video art and activism, and representations of the Holocaust.

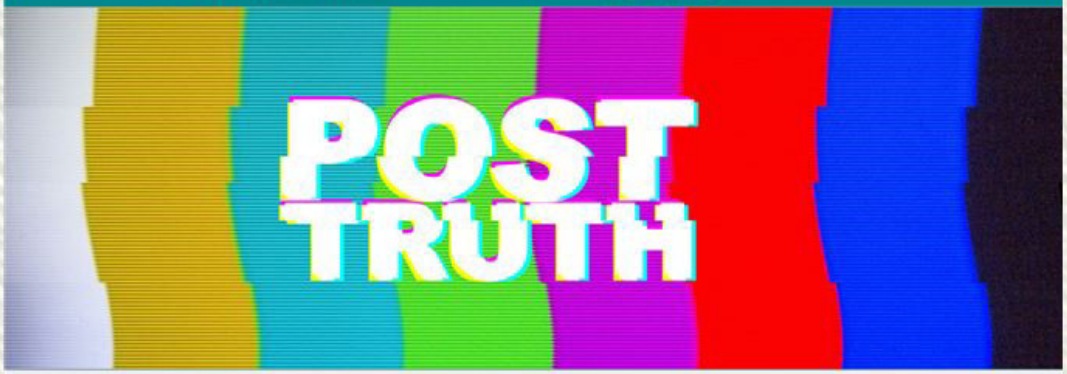
Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars

The Steve Tisch School of Film and Television

המכון ללימודים מתקדמים
ע"ש מורטימר וריימונד סאקלר
עמיתים מיוחדים במכון

ביה"ס לקולנוע וטלוויזיה
ע"ש סטיב טיש

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY



פרופסור מייקל רנוב

סגן הדקאן לעניינים אקדמיים
בית הספר לאומנות הקולנוע
אוניברסיטת דרום קליפורניה

Professor Michael Renov

Vice Dean for Academic Affairs
School of Cinematic Arts
University of Southern California

Lecture | הרצאה

THE DOCUMENTARY DISPOSITION

Abstract:

We live in a moment of epistemic crisis. Truth claims made by public officials and cultural producers alike seem more and more to require our sustained critique. From so many quarters – the realms of politics, the fine arts, journalism, reality television, the literary memoir, experimental ethnography – citizens and cultural consumers are learning to ask: "What do we know and how do we know it?" This lecture interrogates the status of the documentary film to think about the very idea of truth-telling through media forms. It aims to discover something of the complex character of nonfiction film and media by way of the notion of "disposition," a word that entered the English language in the 12th century and carries with it a multiplicity of meanings that encompass historical, formal, philosophical, and ideological nuances.

The lecture will be held on Wednesday
15 June 2022, at 18:00
Room 206 a, Mexico Building
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום רביעי
15 ביוני 2022, בשעה 18:00
חדר 206 א, בניין מקסיקו
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lecture | כיבוד קל יוגש לפני ההרצאה

Mortimer and Raymond Sackler Institute of Advanced Studies
IAS Distinguished Scholars
The Steve Tisch School of Film and Television

המכון ללימודים מתקדמים ע"ש מורטימר וריימונד סאקלר עמיתים מיוחדים במכון
ביה"ס לקולנוע וטלוויזיה ע"ש סטיב טיש

אוניברסיטת תל אביב
TEL AVIV UNIVERSITY

פרופסור מייקל רנוב

סגן הדקאן לעניינים אקדמיים
בית הספר לאומנות הקולנוע
אוניברסיטת דרום קליפורניה

Professor Michael Renov

Vice Dean for Academic Affairs
School of Cinematic Arts
University of Southern California

Seminar | סמינר

THE DOCUMENTARY / AVANT-GARDE

Abstract

This seminar will investigate some key issues related to the documentary film: what is the nature of the documentary "truth claim"? To what extent can documentary film produce historical knowledge? Can documentary films create social change? But most of all, this class will look at the diversity of documentary expression and innovation as it has evolved in recent decades. To that end, we will consider documentary animation as well as the essay film, the diary film, and domestic ethnography.

Seminar's framework:
The seminar will be held from 2 to 28 June, 2022
16:00 – 20:00
On Tuesdays in Room 213
On Thursdays in Room 117 a
Mexico Building, Tel Aviv University, Ramat-Aviv

מתכונת הסמינר:
הסמינר יתקיים בין התאריכים 2 עד 28 ביוני 2022
בין השעות 16:00 - 20:00
בימי שלישי בחדר 213
בימי חמישי בחדר 117 א
בניין מקסיקו, אוניברסיטת תל-אביב, רמת-אביב

Dr. Ohad Landesman and Prof. Michael Renov

Prof. Michael Renov at his lecture

The Steve Tisch
School of Film and Television
The Yolanda and David Katz
Faculty of the Arts
Tel Aviv University

September 7, 2022

To:

The Review Committee for nomination of Sackler Lecturers

Re: Summary of Prof. Renov's Visit, June 2022

It has been our privilege and pleasure to host Prof. Michael Renov as the IAS Distinguished Scholar, in the framework of The Mortimer and Raymond Sackler Institute of Advanced Studies. During his visit, from June 2nd to June 28th, 2022, Prof. Renov gave a plenary public lecture, taught a graduate seminar at our school, and met in person with several faculty members and students.

Prof. Renov is Haskell Wexler Endowed Chair in Documentary and Vice Dean for Academic Affairs at University of Southern California. His teaching and research interests include documentary theory, autobiography in film and video, video art and activism, and representations of the Holocaust. His voluminous body of scholarly work include several important books on documentary film, including *Theorizing Documentary*, a groundbreaking anthology that helped establish the field of documentary studies in 1993; *Collecting Visible Evidence*, which redefined documentary studies in 1999 by blurring old distinctions between fiction and documentary; and *The Subject of Documentary* (2004), which to this day remains the most rigorous theoretical account of personal non-fiction cinema. Prof. Renov is also the author of *Hollywood's Wartime Woman: Representation and Ideology*; co-editor of *Resolutions: Contemporary Video Practices*, *The SAGE Handbook of Film Studies* and *Cinema's Alchemist: The Films of Peter Forgacs*.

In 1993, Prof. Renov co-founded Visible Evidence, a series of international and highly interdisciplinary documentary studies conferences that have, to date, been held on five continents. He is one of three general editors for the Visible Evidence book series at the University of Minnesota Press, which has published 29 volumes on various aspects of nonfiction media since 1997. In addition to curating documentary programs around the world, he has served as a jury member at documentary festivals including Sundance, Silverdocs, the Buenos Aires International Independent Film Festival, and DocLisboa in Portugal.

In the graduate seminar he taught at our school, entitled "Documentary and/or Avant-Garde," Prof. Renov investigated some key issues related to the documentary film: what is the nature of the documentary "truth claim"? To what extent can documentary films produce historical knowledge? Can documentary films create social change? But most of all, this seminar looked at the diversity of documentary expression and innovation as it has evolved in recent decades. To that end, Prof. Renov considered documentary animation as well as the essay film, the diary film, and domestic ethnography. The seminar dealt with the surprising linkage between

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documentary and avant-garde, thus providing theoretical tools for understanding the poetic/artistic aspects of documentary cinema.

During his public lecture entitled "The Documentary Disposition", which was held at our school on June 15th, Prof. Renov interrogated the status of the documentary film, thinking about the very idea of truth-telling through media forms. The lecture aimed to discover the complex character of nonfiction film and media by way of the notion of "disposition," a word that entered the English language in the 12th century and carries with it a multiplicity of meanings that encompass historical, formal, philosophical, and ideological nuances.

During his visit, Prof. Renov met with several of our graduate students and faculty members, and we discussed possible joint future projects. His visit has greatly contributed to growing the potential for research collaborations between Tel Aviv University and USC, especially in the field of documentary studies. It has been an enormous benefit to our graduate students and researchers and has contributed substantially to our recognition in the international arena. We are very grateful to the donors of the IAS and the program.

Sincerely,

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