

**The Nirit and Michael Shaoul Fund
for Visiting Scholars and Fellows**

**Annual album
2015/2016**



Professor Marek Karliner, Director

פרופסור מרק קרלינר, מנהל

September 25, 2016
MK-2188Dr. Michael Shaoul and Dr. Nirit Weiss
105 Avenue B, Apt 6
New York, NY 10009

Dear Drs. Shaoul and Weiss,

2015-16 was a vigorous and stimulating year for the Nirit and Michael Shaoul fund for visiting Scholars and Fellows. We had the pleasure of hosting 15 World-Renowned Professors; each of them was able to make a significant progress with joint projects that have been initiated earlier with TAU faculty or make new connections for new collaborations. Hence I am delighted to present you with an album that summarizes the outstanding activities our guests were involved with during their visits at TAU.

We were honored to have these exceptional scholars with us:

Adele Berlin, Professor of Bible Studies, University of Maryland
Alain Dagher, Professor of Cognitive Neuroscience, McGill University, Montreal
Ann Majchrzak, Professor of Management and Information Systems, USC, LA
Brian Stock, Professor of Medieval History, University of Toronto
Christian Robin, Professor of Archeology, Centre National de la Recherche Scientifique and Académie des Inscriptions et Belles-Lettres, Paris, France
Christine E. Hayes, Professor of Hebrew and Jewish Jurisprudence, Yale University
Guglielmo Cinque, Professor of Theoretical Linguistics, University Ca' Foscari, Venice, Italy
Hannes Lichte, Professor of Physics, electron optics, Dresden Uni. of Technology, Germany
Joseph Coresh, Professor of Cardiovascular Epidemiology, Johns Hopkins University
Karl Linden, Professor of Environmental Engineering, University of Colorado
Philip Bond, Professor of Finance, Foster School of Business, University of Washington
Robert A Korajczyk, Professor of Finance, Kellogg School of Management, Northwestern University
Robert Zatorre, Professor of Neurology and Neurosurgery, McGill University, Montreal
Shoshana Wodak, Professor of Biochemistry and Medical Genetics, University of Toronto & Vlaamse Inst. of Biotechnology, Brussels, Belgium
Thomas A. Witten, Professor of Physics, University of Chicago

I would like to thank you again for your support which enables us to bring these eminent intellectuals to TAU in a time that many scholars are reluctant to visit Israel. The Shaoul Fellowships are an essential asset in strengthening our international connections and collaborations with the top-tier intellectuals and Universities of our time.

Yours respectively,

Prof. Marek Karliner
Head of the Institutecc: Research authorities
Ms. Ronit Nevo, Administrative Director, IAS
Encl.

THE NIRIT AND MICHAEL SHAOUL FUND
FOR VISITING SCHOLARS AND FELLOWS

Academic Year 2015 – 2016

Prof. ADELE BERLIN	October 12 – 2015
Prof. SHOSHANA WODAK	November 30 – 2015
Prof. CHRISTINE E. HAYES	December 19 – 2015
Prof. JOSEPH CORESH	December 26 – 2015
Prof. ALAIN DAGHER	February 29 – 2016
Prof. ROBERT ZATORRE	March 1 – 2016
Prof. CHRISTIAN ROBIN	March 5 – 2016
Prof. ROBERT A. KORAJCZYK	March 14 – 2016
Prof. BRIAN STOCK	April 1 – 2016
Prof. HANNES LICHTER	April 1 – 2016
Prof. PHILIP BOND	April 5 – 2016
Prof. THOMAS A. WITTEN	May 13 – 2016
Prof. ANN MAJCHRZAK	May 29 – 2016
Prof. GUGLIELMO CINQUE	May 24 – 2016
Prof. KARL LINDEN	June 14 – 2016

PROFESSOR ADELE BERLIN



Prof. Adele Berlin, Nirit and Michael Shaoul fellow 2015/2016, is the Robert H. Smith Professor of Biblical Studies Emerita at the University of Maryland. Her main interests are biblical narrative and poetry, and the ancient and modern interpretation of the Bible. Best known among her works is *The Jewish Study Bible* (Oxford University Press, 2004; revised edition, 2014), co-edited with Marc Brettler. Berlin also served as Editor-in-Chief of the revised edition of *The Oxford Dictionary of the Jewish Religion*. She has written seven books and over 50 articles. She is currently at work on a commentary on Psalms.

Professor Berlin is a Fellow of the American Academy for Jewish Research and past President of the Society of Biblical Literature. At Maryland, Professor Berlin served as Director of the Joseph and Rebecca Meyerhoff Center for Jewish Studies, as Associate Provost for Faculty Affairs, and as Chair of the University Senate. In 2015 she received an honorary degree, Doctor of Humane Letters, from Hebrew Union College-Jewish Institute of Religion.

The Nirit and Michael Shaoul Fund
for Visiting Scholars and Fellows
Department of Hebrew Culture Studies
Bible Program



קרן למדענים אורחים
ע"ש נירית ומיכאל שאול
החוג ללימודי התרבות העברית
המגמה למקרא



פרופסור אדל ברלין

לימודי יהדות

אוניברסיטת מרילנד, ארה"ב

Professor Adele Berlin

Jewish Studies

University of Maryland, USA

הרצאה במסגרת הסמינר בנושא:

המקרא במבט השוואתי: גילויים אחרונים וכיוונים חדשים

Lecture in the framework of the Seminar:

IMAGINING THE FIRST TEMPLE IN SECOND TEMPLE PSALMS: SPEAKERS AND SCENARIOS

The lecture will be held on Tuesday,
10 November 2015, at 12:15, in room 208,
Rosenberg School of Jewish Studies building,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שלישי,
10 בנובמבר 2015, בשעה 12:15, בחדר 208,
בבניין רוזנברג למדעי היהדות,
אוניברסיטת תל-אביב, רמת-אביב

כיבוד קל יוגש לפני ההרצאה Light refreshments will be served before the lectures
<http://www.tau.ac.il/institutes/advanced/>



Prof. Adele Berlin and Dr. Dalit Rom-Shiloni



Prof. Adele Berlin at her lecture

TEL AVIV  אוניברסיטת תל-אביב
UNIVERSITY

THE LESTER AND SALLY ENTIN FACULTY OF HUMANITIES
DEPARTMENT OF HEBREW CULTURE STUDIES
Hebrew language, Semitic Linguistics, Bible, Jewish Philosophy
Ancient Jewish Literature and Kabbalah, Talmud, Interdisciplinary
Studies in Hebrew and Jewish Culture, Editing Studies Program

הפקולטה למדעי הרוח ע"ש לסטר וסאלי אנטין
החוג ללימודי התרבות העברית
נות שמיית, מקרא, פילוסופיה יהודית ספרות חז"ל וקבלה, תלמוד,
תחומית בתרבות עברית ויהודית, לימודי תעודה בעריכה לשונית

February 25, 2016

Professor Marek Karliner, Head of the Institute
The Mortimer and Raymond Sackler Institute of Advanced Studies

Dear Prof. Karliner,

I am happy to summarize the very important and fruitful visit of Professor Adele Berlin with us, in the Hebrew Bible sub-department of The Department of Hebrew Culture Studies over October-December 2015.

Prof. Berlin is Emerita Professor in the University of Maryland, USA, and of the leading scholars in the fields of Hebrew Bible literature (poetics and poetry), and of its traditional and critical interpretation. Prof. Berlin is a member of The American Academy for Jewish Studies, and has served in many important positions, to mention one, she was the president of the biggest academic society of biblical scholars, The Society for Biblical Literature (2000). In her own University Prof. Berlin served as head of The Meyerhoff Center for Jewish Studies, as Vice-Provost, and as Chair of the Senate. She has previously been a fellow in two important institutes of advanced studies: The Katz Center for Advanced Judaic Studies at the University of Pennsylvania, and The Israeli Institute for Advanced Studies in the Hebrew University, Jerusalem. Thus, I am very pleased to say she has now been in our own Sackler Institute of Advanced Studies in TAU. Among her great academic contributions are her commentaries on several biblical books (Zephaniah, Esther, Lamentations, and she is currently in the process of writing commentary on Psalms 120-150).

As planned, Prof. Berlin joined me in teaching an MA seminar entitled: "Psalms: Poetics, Ideology, Theology, and Interpretation" over the Fall semester, 2015. She gave eight of the thirteen meetings and thus met weekly our group of 15 students that attended the course, and I should also mention one senior regular participant in our course, Prof. Yairah Amit.

Prof. Berlin and myself constructed the course together following Prof. Berlin's current work in writing a commentary on Psalms 120-150. Prof. Berlin focused on the art (poetics) and the ideological message in selected Psalms; she looked at metaphors within Psalms, the phenomenon of intertextuality, and different methodological approaches in modern commentaries to the book. The goal was to bring to our graduate students "studies from her desk" - the questions, the challenges, the small and the bigger excitements in the study of Psalms and in writing a commentary on them. All this was aimed to train advanced students for writing a new and independent commentary themselves.

TEL AVIV  אוניברסיטת תל-אביב
UNIVERSITY

**THE LESTER AND SALLY ENTIN FACULTY OF HUMANITIES
DEPARTMENT OF HEBREW CULTURE STUDIES**

Hebrew language, Semitic Linguistics, Bible, Jewish Philosophy
Ancient Jewish Literature and Kabbalah, Talmud, Interdisciplinary
Studies in Hebrew and Jewish Culture, Editing Studies Program

הפקולטה למדעי הרוח ע"ש לסטר וסאלי אנטין

החוג ללימודי התרבות העברית

נות שמרת, מקרא, פילוסופיה יהודית ספרות חז"ל וקבלה, תלמוד,
תחומים בתרבות עברית ויהודית, לימודי תעודה בעריכה לשונית

I am happy to report that the seminar gained a great success among the students. The personal connection with Prof. Berlin was immediate and warm, the discussions were exciting (not less), and very thought provoking. The students expressed in every one of the meetings their great appreciation for Prof. Berlin, and were grateful that we could bring her to our program.

In addition, on Nov 10, 2015, one of the seminar meetings was given as a Department Seminar of the Hebrew Bible sub-department, entitled: "The Bible in Comparative Perspective: Recent Discoveries and New Directions." Prof. Berlin spoke on "Imagining the First Temple in Second Temple Psalms: Speakers and Scenarios." The seminar room was completely full with more than 30 participants, students, faculty, and faculty guests of other universities as well.

This period of eight weeks with Prof. Berlin allowed me, personally, to have a much closer (almost daily) connection with her. I can clearly say that those meetings and our study/teaching together opened my eyes (and my mind) to new understandings. As token of our appreciation, Prof. Yairah Amit and me represented our faculty department and hosted Prof. Berlin (and Prof. George Berlin, her spouse) for a very good and pleasant dinner, a few days before their journey back home.

For all these good reasons, I am very grateful to the Nirit and Michael Shaul Fund and to the Sackler Institute of Advanced Studies for allowing this "intellectual treat" for us all. I am sure Prof. Berlin had made a difference in the training of our advanced students and I look forward to seeing fruitful results in the students works in their MA theses and PhD dissertations.

I, furthermore, would like to mention the great and efficient help to both Prof. Berlin and myself as organizer that we received from the office of the Institute, led by Ms. Ronit Nevo. It was a pleasure.

Sincerely,



Prof. Dalit Rom-Shiloni

Hebrew Bible Sub-department, Department of Hebrew Culture Studies
The Lester and Sally Entin Faculty of Humanities Tel Aviv University
P.O.B. 39040, Ramat Aviv, Tel Aviv 69978, Israel
dromshil@post.tau.ac.il <http://humanities.tau.ac.il/segel/dromshi>

10 December 2015

Dr. Nirit Weiss Shaoul
Dr. Michael Shaoul
c/o Sackler Institute of Advanced Studies
Tel Aviv University

Dear Drs. Shaoul,

I was honored to receive a Nirit and Michael Shaoul Fellowship at the Sackler Institute of Advanced Studies of Tel Aviv University from October-December 2015. During the two months of the fellowship I gave seven presentations to a class studying the book of Psalms and one public lecture. This provided me a wonderful opportunity to share my research with a new audience and to get to know some of the students and faculty in the department. I enjoyed these interactions very much. While much academic exchange is done by email and at conferences, nothing is as good as being physically present in a new and stimulating environment for a substantial period of time.

My host in the Department of Hebrew Culture, Dr. Dalit Rom-Shiloni, and the Secretary of the Institute, Ms. Ronit Nevo, saw to it that I had everything I needed and helped to make my stay in Tel Aviv pleasant and productive. I had time to learn about the city and the university and also to work on another project that I am involved in.

I am grateful for the experience that the Nirit and Shaoul Fellowship afforded me and I am sure that it will benefit other scholars in the future. It is also beneficial for Israeli scholars to host scholars from other parts of the world, to show them the Israeli academic scene in action, and to form academic relationships with them. These days, some scholars are reluctant to visit Israel, either for political reasons or because they fear that it is not safe. Your fellowship provides encouragement to come. Thank you for making this possible.

Sincerely,

Adele Berlin
Robert H. Smith Professor of Bible, Emerita
University of Maryland

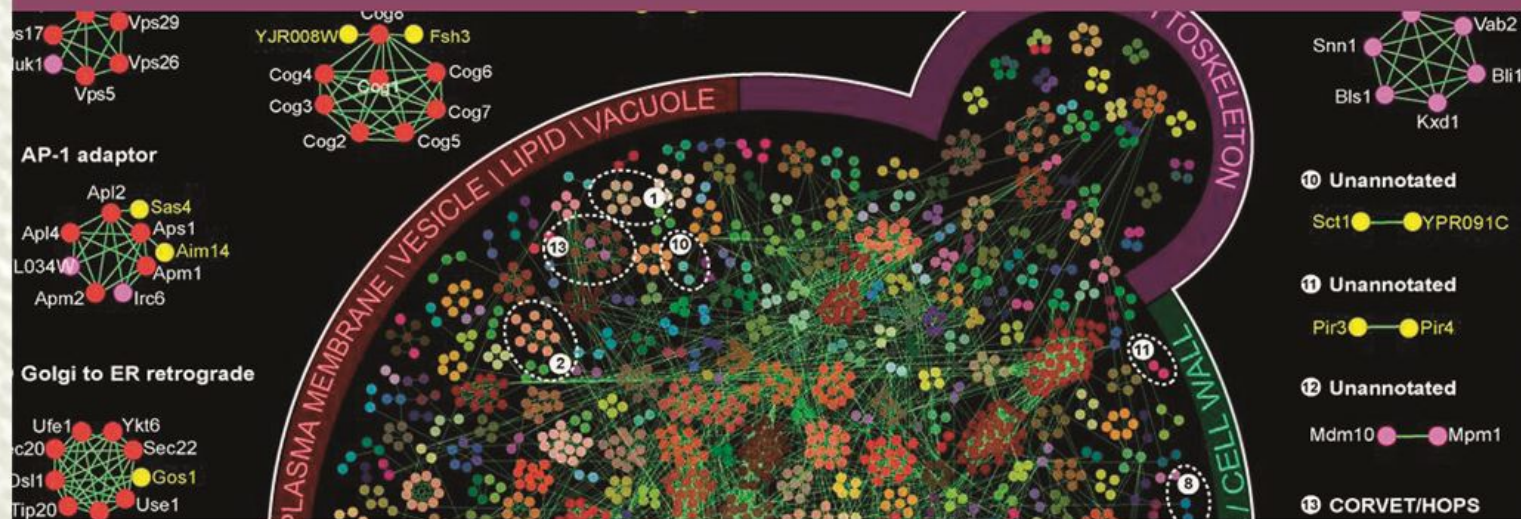
PROFESSOR SHOSHANA WODAK



Prof. Shoshana J. Wodak, Nirit and Michael Shaoul fellow 2015/2016, obtained her Ph.D. from Columbia University, NY, USA. She was Professor at the Free University of Brussels, Belgium for over 20 years, where she founded and co-directed the Centre for Structural Biology and Bioinformatics and headed a Master's program in Bioinformatics. During the years 1995-2002 she was also Group Leader at the European Bioinformatics Institute (EBI) CAMBRIDGE UK, and has been a member of the European Molecular Biology Organization (EMBO) since 1990. She served as the Scientific Director of the Centre for Computational Biology at the Hospital for Sick Children in Toronto Canada from 2004-2011. She held a Tier 1 Canada Research Chair in Computational Biology and Bioinformatics from 2005-2012. Since 2004, she has been Professor in the Departments of Biochemistry and of Molecular Genetics, in the Faculty of Medicine at the University of Toronto. She is currently also a visiting Group Leader at the Vlaamse Institute for Biotechnology (VIB), in Brussels Belgium.

Prof. Wodak pioneered docking algorithms for the prediction of protein-protein interactions. She developed one of the first procedures for defining structural domains from the atomic coordinates of proteins, and wrote a number of key papers on the role of local interactions in stabilizing the native state of proteins, protein structure prediction, protein folding, and fold recognition. More recently, Prof. Wodak and her team have developed efficient procedures for automatic protein design, for simulating protein interactions and conformational changes, and for analyzing protein interactions networks and cellular pathways. Since 2001 she has served on the management committee of CAPRI (Critical Assessment of Predicted Interactions), a community-wide international initiative for fostering the development of methods and algorithms for the prediction of protein interactions and complexes, and is now coordinating this effort.

Prof. Wodak has been a member of numerous expert panels in Europe, US and Canada and is on the Editorial Boards of several journals in her field. Her Career Total Publications: H_index= 53 on a total of 238 papers listed in the Web of Knowledge.



פרופסור שושנה וודק

המרכז לחקר ביולוגיה מבנית

המכון הפלמי לביוטכנולוגיה, האוניברסיטה החופשית של בריסל, בלגיה

Professor Shoshana Wodak

Structural Biology Research Center,
Flemish Institute of Biotechnology,
Free University of Brussels, Belgium

Lecture | הרצאה

PROTEIN-PROTEIN INTERACTION DATA: ALL THAT GLITTERS IS NOT GOLD

The lecture will be held on Monday,
7 December 2015, at 10:00,
Ephraim Katzir Biotechnology Club,
Green Building,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני,
7 בדצמבר 2015, בשעה 10:00,
מועדון אפרים קציר,
בניין גרין לביוטכנולוגיה,
אוניברסיטת תל-אביב, רמת-אביב

Lecture | הרצאה

THE LANDSCAPE OF INTERTWINED ASSOCIATIONS IN HOMO-OLIGOMERIC PROTEINS

The lecture will be held on Monday,
14 December 2015, at 14:10,
Ephraim Katzir Biotechnology Club,
Green Building,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני,
14 בדצמבר 2015, בשעה 14:10,
מועדון אפרים קציר,
בניין גרין לביוטכנולוגיה,
אוניברסיטת תל-אביב, רמת-אביב

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

<http://www.tau.ac.il/institutes/advanced/>

Professor Shoshana Wodak

**Structural Biology Research Center, Flemish Institute of Biotechnology,
Free University of Brussels, Belgium**

Nirit and Michael Shaoul Fellow 2015/2016

"PROTEIN-PROTEIN INTERACTION DATA: ALL THAT GLITTERS IS NOT GOLD"

Monday, 7 December 2015, at 10:00,
Ephraim Katzir Biotechnology Club, Green Building

Abstract

Major progress has been achieved in the experimental techniques used for the detection of protein interactions and in processing and analyzing the vast amount of data that they generate. However, we still do not understand why the set of identified interactions remains so highly dependent on the particular detection method. We will present an overview of major PPI datasets produced by high-throughput experimental methods over the last 10 years. We will highlight the biases associated with different methods and their associated computational procedures and discuss the challenges of assessing the quality of these datasets. Compelling arguments will be presented that the poor overlap between the PPI datasets derived by different methods stems mainly from the fact that these datasets contain a sizable fraction of non-specific associations, which current computational filters are unable to eliminate. Such associations form as a result of mass action; they likely have no specific functional roles, but they are tolerated by the cell and are stable enough to be detected. This also applies to literature curated protein interactions stored in public databases, which are often relied upon for independent validation of newly derived interaction networks.

"THE LANDSCAPE OF INTERTWINED ASSOCIATIONS IN HOMO-OLIGOMERIC PROTEINS"

Monday, 14 December 2015, at 14:10,
Ephraim Katzir Biotechnology Club, Green Building

Abstract

It has been estimated that over 50% of all proteins self-associate to form homo-oligomers. A subset of such oligomers are observed to form intertwined associations in which small segments or compact protein substructures (domains) are exchanged between the interacting subunits, forming various types of assemblies. These range from dimers to higher-order oligomers and polymers. Such assemblies have attracted some attention, as they are believed to be associated with a number of neurodegenerative diseases.

We will present an overview of the repertoire of intertwined associations in structures of homo-oligomeric proteins. We will summarize recent findings on the different categories of intertwined associations in known protein structures, their assembly modes, the properties of their interfaces and their structural plasticity. The current body of knowledge on the so-called 3D domain swapped systems will be re-examined in the context of the wider landscape of intertwined homo-oligomers, with a particular focus on the mechanistic aspects that underpin intertwining. Insights gained from this integrated overview into the physical and biological roles of intertwining will be highlighted.



Prof. Haim J. Wolfson and Prof. Shoshana Wodak



Prof. Shoshana Wodak at one of her lectures

TEL AVIV UNIVERSITY



אוניברסיטת תל-אביב

RAYMOND AND BEVERLY SACKLER
FACULTY OF EXACT SCIENCES
BLAVATNIK SCHOOL of COMPUTER SCIENCE

הפקולטה למדעים מדויקים
ע"ש ריימונד ובברלי סאקלר
בית הספר למדעי המחשב ע"ש בלבטניק

*Professor Haim J. Wolfson
George and Maritza Pionkowski
Chair in Computer Aided Drug Design*

פרופ' חיים וולפסון
הקתדרה לפיתוח ממששב של תרופות
ע"ש ג'ורג' ומריטצה פיונקובסקי

20.06.2016

Prof. Marek Karliner
Director
Sackler Institute for Advanced Studies

Dear Marek,

It is my pleasure to report the highly successful joint activity with Prof. Shoshana Wodak, who visited us as a Nirit and Michael Shaoul Fellow at the end of 2015 . Shoshana is a Group Leader at the Vlaamse Institute of Biotechnology (VIB) in Brussels, Belgium as well as a Professor at the Departments of Biochemistry and Molecular Genetics at the University of Toronto.

Prof. Wodak is a leading figure in the Structural Bioinformatics community. She is an elected member of EMBO (European Molecular Biology organization) and a fellow of the International Society for Computational Biology (ISCB). She is also a panel member of the European research council (ERC) Advanced Grant evaluation in Molecular and Structural Biology. Since 2001 Prof. Wodak is leading CAPRI (<http://www.ebi.ac.uk/msd-srv/capri/>), a community-wide experiment on the comparative evaluation of protein-protein docking for structure prediction. In the 15 years of its existence, the open exchange of ideas stimulated by CAPRI contributed to the development of substantially improved protein-protein interaction modeling methods, which have also a direct impact on Computer Assisted Drug Design.

The goal of Prof. Wodak's visit in Tel Aviv University was twofold. The first one was to exchange ideas and collaborate with fellow Computational Biologists in Tel Aviv University as well as with colleagues from the Weizmann Institute and the Hebrew University of Jerusalem. The second major goal was to assist me and additional colleagues from the above mentioned institutions to organize the 6th International CAPRI meeting on Assessment of Protein-Protein Interaction

TEL AVIV UNIVERSITY



אוניברסיטת תל-אביב

RAYMOND AND BEVERLY SACKLER
FACULTY OF EXACT SCIENCES
BLAVATNIK SCHOOL of COMPUTER SCIENCE

הפקולטה למדעים מדויקים
ע"ש ריימונד ובברלי סאקלר
בית הספר למדעי המחשב ע"ש בלבטניק

*Professor Haim J. Wolfson
George and Maritza Pionkowski
Chair in Computer Aided Drug Design*

פרופ' חיים וולפסון
הקתידרה לפיתוח ממחשב של תרופות
ע"ש ג'ורג' ומריטצה פיונקובסקי

Prediction Methodologies in Tel Aviv University. The previous meetings were held in France, Italy, Canada, Spain and Netherlands, respectively.

Both above mentioned goals have been most successfully accomplished. Shoshana gave two lectures at Tel Aviv University titled : "Protein-Protein Interaction data: All that Glitters is not Gold", which was held on Dec. 7, 2015, and "The Landscape of Intertwined Associations in Homo-Oligomeric Proteins", which was held on Dec 14, 2015. These lectures have been attended by a multidisciplinary audience of faculty and graduate students consisting of Biologists, Computer Scientists and Statisticians. She also held fruitful discussions with the members of my research group as well as additional researchers on campus. In addition, Shoshana's visit had a definitive impact on the organization of the 6'th CAPRI conference in Israel. This international meeting was held in April 2016 in Tel Aviv University and hosted more than 80 scientists and graduate students from the US, Europe, China and Korea as well as more than 30 scientists and graduate students from Israel. Two Nobel laureates in Chemistry (Aaron Ciechanover and Michael Levitt) where among the keynote speakers at this meeting. A special issue of the journal Proteins will be devoted to this meeting. This issue will be edited by Shoshana Wodak and Joel Janin.

In summary, the visit of Prof. Shoshana Wodak has been highly successful and contributed not only to the international collaboration between our research groups, but also had a major impact on the international visibility of Tel Aviv University in Structural Computational Biology community.

Sincerely Yours,

Prof. Haim J. Wolfson

PROFESSOR CHRISTINE E. HAYES



Prof. Christine E. Hayes, Nirit and Michael Shaoul fellow 2015/2016, is the Weis Professor of Religious Studies in Classical Judaica at Yale University. A specialist in Talmudic-Midrashic studies, her published works include three scholarly books – *Between the Babylonian and Palestinian Talmuds* (Oxford University Press, 1997; winner of a Salo Baron prize), *Gentile Impurities and Jewish Identities: Intermarriage and Conversion from the Bible to the Talmud* (Oxford University Press, 2002; National Jewish Book Award finalist), and most recently *What's Divine about Divine Law? Early Perspectives* (Princeton University Press, 2015; winner of the 2015 National Jewish Book award in Scholarship and the 2016 PROSE award in Theology and Religious Studies from the American Publishers Association). This most recent book untangles the conflicting classical and biblical roots of the Western idea of divine law and shows how early adherents to biblical tradition, including the Talmudic rabbis, struggled to make sense of this dual legacy.

Professor Hayes has authored two introductory volumes – *The Emergence of Judaism* (2010) and *Introduction to the Bible* (2012), as well as numerous articles in peer reviewed journals and scholarly anthologies. She is also editing several volumes, including *Judaism and Law* (forthcoming, Cambridge University Press). Professor Hayes is active in professional and academic organizations, is an elected member of the American Academy for Jewish Research, serves as co-editor of the *Association for Jewish Studies Review* and is the Association for Jewish Studies' Vice-President for Program.

The Nirit and Michael Shaoul Fund
for Visiting Scholars and Fellows
The Zvi Meitar Center
for Advanced Legal Studies



קרן למדענים אורחים
ע"ש נירית ומיכאל שאול
מרכז צבי מיתר
ללימודי משפט מתקדמים

פרופסור כריסטין הייז

ראש המחלקה ללימודי דתות
אוניברסיטת ייל, קונטיקט, ארה"ב

Professor Christine Hayes

Chair of the Department of Religious Studies
Yale University, Connecticut USA

הרצאה במסגרת סדנה למשפט והיסטוריה
ע"ש יגאל ארנון ושות'

Guest Lecture in the Yigal Arnon & Co.
Law and History Workshop

LAW AND VIRTUE IN ANCIENT JEWISH SOURCES

The lecture will be held on Monday,
4 January 2016, at 16:15, Room 103,
The Buchmann Faculty of Law,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני,
4 בינואר 2016, בשעה 16:15,
חדר 103, הפקולטה למשפטים ע"ש בוכמן,
אוניברסיטת תל-אביב, רמת-אביב



Prof. Christine E. Hayes and Prof. Ron Harris



Prof. Christine E. Hayes at her lecture

March 10, 2016

Visiting Professor Prof. Christine Hayes
Chair of the Department of Religious Studies at Yale University, Connecticut, USA

Prof. Christine Hayes was a joined guest of The Buchmann Faculty of Law and The Nirit and Michael Shaoul Fellow for the academic year 2015/2016.
Prof. Hayes' visit took place on 19 December 2015 to 14 January 2016.

During her visit Prof. Hayes taught a condense course in English "*Divine law in Historical Perspective*". The course explored the dueling notions of "divine law" that emerged from Greco-Roman antiquity on the one hand and biblical Israel on the other, the cognitive dissonance their historical encounter engendered and the attempts by later Jewish, Christian and secular thinkers to negotiate their competing claims.

In addition to teaching the course, Prof. Hayes met with several faculty members and research students for more casual talks and idea exchange. Prof. Hayes also gave a talk as a guest lecturer at the Yigal Arnon & Co. Law and History Workshop about "*Law and Virtue in Ancient Jewish Sources*".

Prof. Hayes is the Robert F. and Patricia Ross Weis Professor of Religious Studies at Yale, a specialist in talmudic-midrashic studies and in the History and Literature of Judaism in Late Antiquity.

She received her Ph.D. from University of California, Berkeley in 1993. Professor Hayes is currently serving as co-editor of the Association for Jewish Studies Review and as an editor of the Encyclopedia for the Bible and its Reception.

She is the author of few scholarly books, among them: *Between the Babylonian and Palestinian Talmuds*, recipient of the 1997 Salo Baron prize for a first book in Jewish thought and literature, and *Intermarriage and Conversion from the Bible to the Talmud*, a 2003 National Jewish Book Award finalist. She has also authored an undergraduate textbook and several journal articles. Her newest book, *What's Divine about Divine Law? Early Perspectives*, won the National Jewish Book Award in the category of Scholarship.

Link to home page: <http://religiousstudies.yale.edu/people/christine-hayes>

Yours Sincerely,

Ron Harris

Prof. Ron Harris,
Dean, Faculty of Law

PROFESSOR JOSEPH CORESH



Prof. Joseph Coresh, Nirit and Michael Shaoul fellow 2015/2016, received an M.D., Ph.D. in epidemiology and Masters in biostatistics at the Johns Hopkins University in 1992 following his bachelor degree in mathematics from Princeton University. He is the George W. Comstock Professor of Epidemiology, Medicine and Biostatistics at The Johns Hopkins University where is Director of the Cardiovascular Epidemiology Training Program and the George W. Comstock Center for Public Health Research and Prevention. He has been directing the cardiovascular epidemiology program at The Johns Hopkins Bloomberg School of Public Health since 1997 and has fostered strong collaborations with faculty in biostatistics, medicine (e.g. cardiology, neurology, nephrology, and rheumatology), genetics and physiology. Prof. Coresh was honored in 2010 by the National Kidney Foundation with the Garabed Eknoyan Award for contributions to kidney disease and American Heart Association awarded him the Epidemiology and Prevention Mentoring Award.

Prof. Coresh's contributions include leading investigations on the prevalence and consequences of chronic kidney disease, which have been instrumental in national and international clinical practice guidelines related the definition and staging of chronic kidney disease. Prof. Coresh leads the Chronic Kidney Disease Prognosis Consortium (CKD-PC) of over 50 cohorts including over 2 Million participants which using a highly collaborative model has produced very highly influential publications since its inception in 2009 (Lancet and JAMA papers informing clinical practice guidelines and recently an NKF-FDA conference on surrogate outcomes for CKD in clinical trials).

Prof. Coresh has led the Washington County field center of the Atherosclerosis Risk in Communities (ARIC) study since 2002. The ARIC cohort follows 15,792 individuals for cardiovascular and other common health outcomes since 1986-1988. During his tenure, the Washington County ARIC field center exceeded recruitment goals with excellent quality control in all visits (70% response at 25-year follow-up ARIC visit 5 with ~93% response rate to calls). He helped welcome dozens of junior investigators to the ARIC study and mentored multiple NIH funded ancillary studies (K and R01 grants) with an increasing focus on aging.

Prof. Coresh is PI of the ARIC Neurocognitive Study (ARIC-NCS) to examine vascular, potentially preventable, risk factors for dementia. He is vice-chair of the study's steering committee and plays a leadership role in its innovative and large analysis workgroup along with Drs. Bandeen-Roche, Sharrett and Gottesman.

Prof. Coresh has co-authored over 500 publications cited over 55,000 times (www.scopus.com). His investigations have included examination of genetic and molecular markers for cardiovascular and kidney disease as well as collaborations on development and application of innovative statistical and epidemiologic methodology.

פרופסור ג'וזף כורש

המחלקות לאפידמיולוגיה, רפואה וביו-סטטיסטיקה

בי"ס לבריאות הציבור ע"ש בלומברג, ובי"ס לרפואה, אוניברסיטת ג'ונס הופקינס, ארה"ב

Professor Josef Coresh

Departments of Epidemiology, Medicine, and Biostatistics
Bloomberg School of Public Health, and School of Medicine
Johns Hopkins University, USA

EPIDEMIOLOGIC COHORT STUDIES: OPTIMIZING DESIGN, CONDUCT AND PUBLICATION – LESSONS FROM THE ATHEROSCLEROSIS RISK IN COMMUNITIES (ARIC) STUDY – 30 YEARS AND 1,500 PAPERS LATER

The lecture will be held on Sunday,
3 January 2016, at 9:00, room 103,
The Stanley Steyer School of Health Professions,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום ראשון,
3 בינואר 2016, בשעה 9:00, בחדר 103,
בבניין סטנלי שטייר למקצועות הבריאות,
אוניברסיטת תל-אביב, רמת-אביב

MENTORSHIP AND COLLABORATIVE RESEARCH: TIPS ABOUT BUILDING A RESEARCH CAREER

The lecture will be held on Monday,
4 January 2016, at 16:30, room 110,
The Stanley Steyer School of Health Professions, Tel-
Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני,
4 בינואר 2016, בשעה 16:30, בחדר 110,
בבניין סטנלי שטייר למקצועות הבריאות,
אוניברסיטת תל-אביב, רמת-אביב

PUBLISHING IN THE PEER REVIEWED MEDICAL LITERATURE: LESSONS FROM ACCEPTANCE AND REJECTION

The lecture will be held on Tuesday,
5 January 2016, at 16:30, room 111,
The Stanley Steyer School of Health Professions,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שלישי,
5 בינואר 2016, בשעה 16:30, בחדר 111,
בבניין סטנלי שטייר למקצועות הבריאות,
אוניברסיטת תל-אביב, רמת-אביב

WORKSHOP FOR YOUNG FACULTY AT THE DEPARTMENT OF NURSING ON PUBLISHING ON PEER REVIEWED HEALTH SCIENCE JOURNALS

The lecture will be held on Tuesday,
5 January 2016, at 18:00, room 103,
The Stanley Steyer School of Health Professions,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שלישי,
5 בינואר 2016, בשעה 18:00, בחדר 103,
בבניין סטנלי שטייר למקצועות הבריאות,
אוניברסיטת תל-אביב, רמת-אביב

EPIDEMIOLOGICAL STUDIES METHODOLOGY: ARIC AS AN EXAMPLE OF A PROSPECTIVE COHORT STUDY

The lecture will be held on Thursday,
7 January 2016, at 10:00, room 301,
The Stanley Steyer School of Health Professions,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום חמישי,
7 בינואר 2016, בשעה 10:00, בחדר 301,
בבניין סטנלי שטייר למקצועות הבריאות,
אוניברסיטת תל-אביב, רמת-אביב



Prof. Joseph Coresh and Prof. Silvia Koton



Prof. Joseph Coresh at one of his lectures

January 31, 2016

The Nirit and Michael Shaoul Fund for Visiting Scholars and Fellows
Tel Aviv University

Dear Drs. Nirit Weiss and Michael Shaoul,

I am writing to thank you for supporting Prof. Josef Coresh's visit to Tel Aviv University (TAU). We were fortunate to host Prof. Coresh at the Department of Nursing during two weeks (December 25, 2015-January 10, 2016) and learn from his broad professional knowledge and experience.

During his visit, Prof. Coresh gave four talks on the following topics:

- Epidemiologic cohort studies: Optimizing design, conduct and publication- Lessons from the Atherosclerosis Risk in Communities (ARIC) study, 30 years and 1,500 papers later;
- Mentorship and collaborative research: Tips about building a research career;
- Publishing in the peer reviewed medical literature: Lessons from acceptance and rejection.

These lectures were open to faculty and graduate students at the School of Health Professions and the School of Public Health. In fact, the talks were attended by faculty and graduate students not only at the mentioned schools but additional departments at the Faculty of Medicine as well.

The forth talk was given to students participating at our Seminar for Doctoral Students in Nursing. Prof. Coresh presented the topic: "Methodological aspects of epidemiological studies designs".

Prof. Coresh's lectures were highly professional and interesting. The Questions & Answers section at the end of each talk led to thought-provoking discussions.

In addition, Prof. Coresh personally met with new academic faculty at the Department of Nursing and discussed opportunities for academic development and international multidisciplinary research collaboration.

The professional interaction with Prof. Coresh, who has vast experience in mentoring young scientists and new faculty, was especially important for our new faculty. Moreover, his visit was a great opportunity for expanding and fostering the ongoing research and academic collaboration between TAU and Johns Hopkins University.

I truthfully appreciate your generosity and commitment to promoting academic excellence at TAU.

Sincerely,



Silvia Koton, PhD, MOccH, RN
Chair, Department of Nursing



Welch Center For Prevention, Epidemiology & Clinical Research

The Johns Hopkins Medical Institutions

Lawrence J. Appel, MD, MPH
Director

Neil L. Daumit, MD, MHS
Associate Director

Core Faculty

Barbara Catherine Beach, MD, MPH
Deborah Bennett, MD, MPH

Elizabeth A. Carson, ScM

Debra M. Clark, MD, MPH

Debra A. Cooper, MD, MPH

Joseph Coresh, MD, PhD

Elizabeth Crew, MD, ScM, FASN

Debra M. Crum, MD, MHS

Debra E. Ford, MD, MPH

Debra Hill Golden, MD, MHS

Debra Gottesman, MD, PhD

Debra Grams, MD, PhD, MHS

Debra Greer, MD, MHS

Debra Guallar, MD, DrPH

Debra Gudzone, MD, MPH

Debra Haywood Jr., PhD, MA

Debra Hill-Briggs, PhD

Debra Hong (Linda) Kao, PhD

Debra J. Klag, MD, MPH

Debra Lazo, MD, PhD, ScM

Debra Maruthur, MD, MHS

Debra A. Meoni, ScM

Debra R. Miller, III, MD, PhD

Debra Navas-Acien, MD, PhD

Debra Pollack, MD, MHS, MS

Debra Selvin, PhD, MPH

Debra-Yuh Wang, PhD

Debra-Chieh Jessica Yeh, PhD

Debra Hunter Young, MD, MHS

January 20, 2016

Nirit and Michael Shaoul
Fund for Visiting Scholars and Fellows
Tel Aviv University

Dear Nirit and Michael Shaoul,

I wanted to thank you for your vision and generosity in supporting my recent visit to Tel Aviv University (TAU). I spent two weeks starting Christmas – a perfect time when most work in the US is at a standstill. I was fortunate to be able to hit the ground running. This longer visit allowed me to expand my collaborations, give four talks and consider new initiatives. Like you, I am disturbed by the movement to isolate Israeli scientists and decided it was my call to counter a destructive trend.

I have come full circle working in Tel Aviv, since I was born in Petach-Tikvah, raised in Jerusalem and Tel Aviv, and educated at Princeton and Hopkins. The Israel I visited is very different from the one I grew up in. The “start-up nation” energy is palpable the potential gains of applying it to health research are exciting.

My talks at the University focused on both science and career development. I am fortunate to have had amazing mentors at Hopkins and was pleased to be able to share some of the insights from the past decades about mentorship and publishing with the students and faculty at TAU. I participated in a panel discussion at the Israeli Hypertension Society meetings. I worked informally with Drs. Silvia Koton (Chair of nursing and my host), Ehud Grossman (Dean of Medicine), and Varda Shalev (TAU faculty and Maccabitech, CEO) among others on planning how to improve hypertension care in Israel (initial small grant application submitted). I also met with an Israeli algorithms start-up to explore strategic opportunities.

I'll keep my note short but would be delighted to provide further information and/or discuss ideas to expand collaborations between Hopkins and TAU. My heartfelt thanks to you and the program staff.

Sincerely,

Josef Coresh, MD, PhD
George W. Comstock Professor, Epidemiology, Medicine and Biostatistics

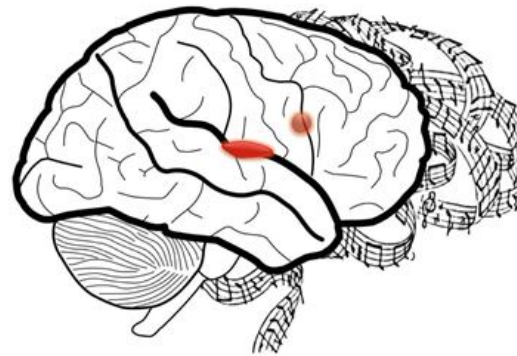
PROFESSOR ALAIN DAGHER



Prof. Alain Dagher, Nirit and Michael Shaoul fellow 2015/2016, is a neurologist specializing in movement disorders and functional brain imaging at the McGill University, Canada. He received his B.Eng (1983) and M.Eng (1985) in Electrical Engineering from McGill University. He then completed his MD (1989) at University of Toronto, followed by a residency in neurology at Cornell University Medical Center in New York (1991-1992), and at McGill University (1992-94). He did a postdoctoral fellowship at the Hammersmith Hospital and National Hospital for Nervous Diseases, London (1995-96), where he trained in movement disorders and functional brain imaging. He returned to the Montreal Neurological Institute in 1997.

Prof. Dagher's work has been reported in more than 120 publications which were cited over 10,000 times (h-index 51). His research projects have applications to Parkinson's disease, schizophrenia, drug addiction and obesity, and to gaining an understanding of normal brain function. His current research is supported by the Canadian Institutes for Health Research, Weston Foundation, Michael J Fox Foundation, Alzheimer's Association and the Natural Sciences and Engineering Research Council of Canada.

Prof. Dagher's work uses functional brain imaging methods in human subjects – the two main techniques used are positron emission tomography (PET) targeting the dopamine system, and functional magnetic resonance imaging (fMRI). He has also made contributions to basic imaging methodology, most notably in developing a PET technique that allows the measurement of dopamine release *in vivo* in the human brain.



A special mini-symposium

Thursday, March 3rd, 2016 at 09:00, Sackler School of Medicine, Hall 201, Tel Aviv University

Between pleasure and desire in the human brain: the case of music and reward

This mini-symposium represents an interdisciplinary effort in TAU to connect between arts, neuroscience and medicine. Two internationally esteemed speakers will present their scientific work using neuroimaging, music psychology and neurological perspectives to study the human reward system. Such a multi-domain approach could advance our understanding of motivation related pathological behaviors such as addiction and depression

Professor Robert Zatorre

Montreal Neurological Institute, McGill University
Co-director, International Laboratory
for Brain, Music and Sound Research (BRAMS), Canada

פרופסור רוברט זאטורה

המכון הנירולוגי של מונטריאול, אוניברסיטת מקגיל
מנהל, המעבדה הבינ"ל לחקר המוח, המוזיקה והצלילים (BRAMS),
קנדה

Professor Alain Dagher

Montreal Neurological Institute, McGill University, Canada

פרופסור אלן דגר

המכון הנירולוגי של מונטריאול, אוניברסיטת מקגיל, קנדה

תכנית | Program

9:00-9:30	Opening remarks	מילות פתיחה	9:00-9:30
	Uri Asheri , Head, Sagol School of Neuroscience, TAU	אורי אשרי , ראש בית הספר סגול למדעי המוח, אוניברסיטת תל אביב	
	Illana Gozes , Chair, Brain@McGill and TAU Collaboration, Supported by Eldee Foundation and the Bloomfield family of Montreal, Canada, TAU	אילנה גוזס , יו"ר הקרן לשיתוף פעולה בין אוניברסיטת תל אביב למונטריאול (Brain@McGill) ואוניברסיטת בלומפילד ממונטריאול, קנדה וקרן אלדי, אוניברסיטת תל אביב	
	Tomer Lev , Head, Buchmann-Mehta School of Music, TAU	תומר לב , ראש בית הספר בוכמן-מהטה למוסיקה, אוניברסיטת תל אביב	
9:30-10:40	Robert Zatorre	רוברט זאטורה	9:30-10:40
	FROM PERCEPTION TO PLEASURE: MUSIC AND ITS NEURAL SUBSTRATES		
10:40-11:00	Coffee Break	הפסקת קפה	10:40-11:00
11:00-12:10	Alain Dagher	אלן דגהר	11:00-12:10
	ADDICTION AS A DISORDER OF CHOICE		
12:10-12:30	Talma Hendler and Neomi Singer (TAU)	תלמה הנדלר ונעמי זינגר	12:10-12:30
	CONNECTING THE DOTS		
	Organizer and chair: Neomi Singer	יו"ר ומארגנת: נעמי זינגר	



Prof. Illana Gozes , Prof. Talma Hendler, Prof. Robert Zatorre,
Prof. Uri Ashery and Prof. Alain Dagher



Prof. Alain Dagher at his lecture



המרכז לתפקודי המוח תל אביב
Tel Aviv Center for Brain Functions

15 June 2016

Professor Marek Karliner, Director,
The Mortimer and Raymond Sackler Institute of Advanced Studies

Dear Prof. Karliner,

***Report on the visit of Professor Alain Dagher
Nirit and Michael Shaoul Fellow
for the academic year 2015/2016***

Prof. Alain Dagher is a prominent professor of neurology and neuroscience researcher, based at the Montreal neurological institute, and specializing in movement disorders and functional brain imaging. His research focuses on the role of the basal ganglia, dopamine, and the frontal lobes in the control of cognition and reward processing, with clinical perspective on Parkinson's disease, drug addiction and obesity. One of his unique contributions is a PET based method to measure the release of dopamine in the human brain with relation rewarding experience. His team has published more than 100 papers on the neural mechanisms that underlie various manifestations of normal and abnormal appetitive behavior. We were fortunate to have Prof. Dagher in Tel Aviv on February 29th to March 6th 2016.

During his visit, he gave an intriguing lecture entitled: '**Addiction as a disorder of choice**' to students and faculty members from around the campus, interested in affective neuroscience, cognitive neuroscience and medicine. In his talk, he presented his impressive body of work about the link between addiction disorders and dysregulation of the 'reward circuitry', and offered a fascinating theory that conceptualizes obesity as an addiction disorder.

Furthermore, we were able to make a significant progress with a joint project that has been initiated earlier this year between the labs of Prof. Dagher and Prof. Talma Hendler, together with the labs of Prof. Robert Zatorre and Prof. Pedro Valdes-Sosa who also visited in Tel-Aviv that time.



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The Wohl Institute for Advanced Imaging | Tel-Aviv Sourasky Medical Center | Affiliated to Tel-Aviv University





המרכז לתפקודי המוח תל אביב
Tel Aviv Center for Brain Functions

The aim of this project is to develop and test a new EEG-neurofeedback (NF) approach for training self-regulation of the reward circuit via music as a possible non-pharmacological treatment for reward circuit disturbances (e.g., anhedonia, addiction, depression). During the visit, we were able to: (1) review data that has already been acquired (2) make future plans for our joint project (3) initiate the writing of a grant proposal for the Human Frontiers Science Program (<http://www.hfsp.org/>).

Prof. Dagher's visit was highly successful and fruitful, both by exposing scholars and students from Tel-Aviv University as well as other universities to the wealth of knowledge about the neuroscience of music and by making significant progress in a promising collaborative project between our labs. I thank you for this wonderful opportunity.

I would like to thank wholeheartedly to Nirit and Michael Shaoul fund for enabling the visit of Prof. Dagher. His visit in Israel was very stimulating and most rewarding for everyone concerned. It also assisted us to strengthen our relations with such a prominent scholar as Prof. Dagher and with the Montreal neurological institute.

Talma Hendler, M.D., Ph.D.

Professor of psychiatry and psychology

School of Psychological Sciences, Sackler School of medicine and Sagol
School of Neuroscience, Tel Aviv University

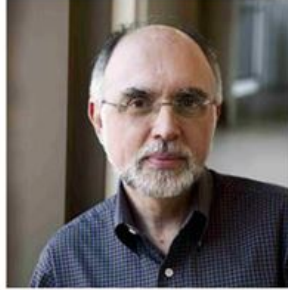
Director, Functional Brain Center, Wohl Institute for Advanced Imaging,
Tel Aviv Sourasky Medical Center



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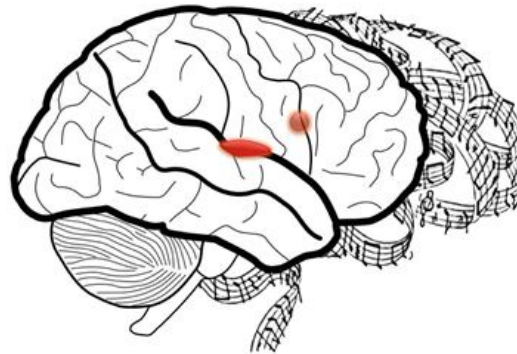


PROFESSOR ROBERT ZATORRE



Prof. Robert J. Zatorre, Nirit and Michael Shaoul fellow 2015/2016, is a cognitive neuroscientist at the Montreal Neurological Institute of McGill University. He obtained his Ph.D. in experimental psychology at Brown University in 1981 under the late Peter Eimas and subsequently carried out postdoctoral research at the MNI with Brenda Milner. His principal interests relate to the neural substrate for auditory cognition, with special emphasis on two complex and characteristically human abilities: speech and music. He and his collaborators have published over 250 scientific papers on a variety of topics including pitch perception, musical imagery, absolute pitch, music and emotion, perception of auditory space, and brain plasticity in the blind and the deaf.

In 2005 Prof. Zatorre was named holder of a James McGill chair in Neuroscience. In 2006 he became the founding co-director (together with Isabelle Peretz) of the international laboratory for Brain, Music, and Sound research (BRAMS), a unique multi-university consortium with state-of-the art facilities dedicated to auditory cognitive neuroscience, funded via a \$13.8M award from the Canada Fund for Innovation. In 2011 he was awarded the IPSEN foundation prize in neuronal plasticity, and in 2013 he won the Knowles prize in hearing research from Northwestern University. He lives in Montreal with his wife and collaborator Virginia Penhune, professor of psychology at Concordia University. He tries to keep up his baroque repertoire on the organ whenever he can get a chance.



A special mini-symposium

Thursday, March 3rd, 2016 at 09:00, Sackler School of Medicine, Hall 201, Tel Aviv University

Between pleasure and desire in the human brain: the case of music and reward

This mini-symposium represents an interdisciplinary effort in TAU to connect between arts, neuroscience and medicine. Two internationally esteemed speakers will present their scientific work using neuroimaging, music psychology and neurological perspectives to study the human reward system. Such a multi-domain approach could advance our understanding of motivation related pathological behaviors such as addiction and depression

Professor Robert Zatorre

Montreal Neurological Institute, McGill University
Co-director, International Laboratory
for Brain, Music and Sound Research (BRAMS), Canada

פרופסור רוברט זאטורה

המכון הניורולוגי של מונטריאול, אוניברסיטת מקגיל
מנהל, המעבדה הבינלאומית לחקר המוח, המוזיקה והצלילים (BRAMS),
קנדה

Professor Alain Dagher

Montreal Neurological Institute, McGill University, Canada

פרופסור אלן דגהר

המכון הניורולוגי של מונטריאול, אוניברסיטת מקגיל, קנדה

Program | תכנית

9:00-9:30 Opening remarks



Uri Asheri, Head, Sagol School of Neuroscience, TAU
Illana Gozes, Chair, Brain@McGill and TAU Collaboration,
Supported by Eldee Foundation and the Bloomfield family of
Montreal, Canada, TAU
Tomer Lev, Head, Buchmann-Mehta School of Music, TAU

מילות פתיחה 9:00-9:30



אורי אשרי, ראש בית הספר סגול למדעי המוח, אוניברסיטת תל אביב
אילנה גוזס, יו"ר הקרן לשיתוף פעולה בין אוניברסיטת תל אביב
(Brain@McGill) ואוניברסיטת מונטריאול, קנדה וקרן אלדי, אוניברסיטת תל אביב
תומר לב, ראש בית הספר בוכמן-מהטה למוסיקה, אוניברסיטת תל אביב

9:30-10:40 **Robert Zatorre**

FROM PERCEPTION TO PLEASURE: MUSIC AND ITS NEURAL SUBSTRATES

10:40-11:00 Coffee Break

11:00-12:10 **Alain Dagher**

ADDICTION AS A DISORDER OF CHOICE

12:10-12:30 **Talma Hendler and Neomi Singer** (TAU)

CONNECTING THE DOTS

Organizer and chair: **Neomi Singer**

9:30-10:40 **רוברט זאטורה**

10:40-11:00 הפסקת קפה

11:00-12:10 **אלן דגהר**

12:10-12:30 **תלמה הנדלר ונעמי זינגר**

יו"ר ומארגנת: **נעמי זינגר**



Prof. Illana Gozes , Prof. Talma Hendler, Prof. Robert Zatorre,
Prof. Uri Ashery and Prof. Alain Dagher



Prof. Robert Zatorre at his lecture



המרכז לחקר תפקודי המוח תל אביב
Tel Aviv Center for Brain Functions

15 June 2016

Professor Marek Karliner, Director,
The Mortimer and Raymond Sackler Institute of Advanced Studies

Dear Prof. Karliner,

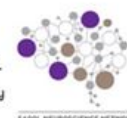
***Report on the visit of Professor Robert Zatorre Nirit and Michael
Shaoul Fellow for the academic year 2015/2016***

Prof. Robert Zatorre is a world leading professor of cognitive neuroscience. He is an honorary James McGill Professor of neuroscience at the Montreal neurological institute and an associate member of the department of psychology at McGill University. He is also the co-director and founder of the international laboratory for brain, music and sound research (acronymed the BRAMS center), which is a world leading center for the investigation of auditory cognition, offering state of the art research facilities. His elegant research employs a wide variety of neuroimaging techniques and behavioral measures to investigate the neural substrates of auditory cognition, with a particular focus on those functions that makes us human – music and speech. He has pioneered many of the current methods to study music in the brain including the experience of musical pleasure. He is an extremely fruitful scholar, and has published over than 250 papers on topics including the structure and function of the human auditory cortex, pitch perception, auditory spatial processing, musical imagery, music and reward, and experience-dependent anatomical plasticity. He has also been nationally and internationally acknowledged for this outstanding work and received many awards and prizes, such as the IPSEN foundation prize in neuronal plasticity and the Knowles prize in hearing research.

We were fortunate to have Prof. Zatorre in Tel Aviv on March 1-6.16. During his visit, he gave a fascinating lecture entitled: '**From Perception to Pleasure: Music and its Neural Substrates**' to students and faculty members from around the campus, interested in neuroscience or music. In his talk, he reviewed his long standing body of work about the neural correlates of music processing, with a special emphasis on the rewarding aspects of this complex experience.



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המרכז לחקר המוח תל אביב
Tel Aviv Center for Brain Functions

Furthermore, we were able to make a significant progress with a joint project that has been initiated earlier this year between the labs of Prof. Zatorre and Prof. Talma Hendler together with the labs of Prof. Alain Dagher and Prof. Pedro Valdes-Sosa, who also visited Tel-Aviv that time.

The aim of this project is to develop and test a new EEG-neurofeedback (NF) approach for training self-regulation of the reward circuit via music as a possible non-pharmacological treatment for reward circuit disturbances (e.g., anhedonia, addiction, depression). During the visit, we were able to: (1) review data that has already been acquired (2) make future plans for our joint project (3) initiate the writing of a grant proposal for the Human Frontiers Science Program (<http://www.hfsp.org/>).

Prof. Zatorre's visit was highly successful and fruitful, both by exposing scholars and students from Tel-Aviv University as well as from other universities to the wealth of knowledge about the neuroscience of music, and by making significant progress in a promising collaborative project between our labs.

We would like to thank wholeheartedly to the Nirit and Michael Shaoul fund for electing Prof. Zatorre as a Shaoul Fellow. This visit was highly successful, and contributed significantly, not only from the scientific point of view, but also in strengthening the connections between Tel Aviv University and an internationally recognized leader scientist.

Sincerely,

Talma Hendler, M.D., Ph.D.

Professor of psychiatry and psychology

School of Psychological Sciences, Sackler School of medicine and Sagol School of Neuroscience, Tel Aviv University

Director, Functional Brain Center, Wohl Institute for Advanced Imaging, Tel Aviv Sourasky Medical Center



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The Wohl Institute for Advanced Imaging | Tel-Aviv Sourasky Medical Center | Affiliated to Tel-Aviv University



PROFESSOR CHRISTIAN ROBIN



Prof. Christian Robin, Nirit and Michael Shaoul fellow 2015/2016, is President of the Scientific Committee of the French Research Center in Jerusalem (Centre français de Recherche à Jérusalem), Ministry of Foreign Affairs (France), a member of Institut de France (Académie des Inscriptions et Belles-Lettres) and emeritus Directeur de recherche, classe exceptionnelle at CNRS, where he served as Documentalist, Researcher since 1970. His research interest is History of Arabia since ancient times to the early centuries of Islam.

Prof. Robin is a member of the Académie des Inscriptions et Belles-Lettres since 2005, and was honored to receive a Festschrift *Sabaeen Studies* in the same year. He is Fellow of Deutsches Archäologisches Institut (Berlin) and ex-Istituto Italiano per il Medio ed Estremo Oriente (Rome) and received the decoration of the Légion d'honneur on 2008.

Prof. Robin is the founder and Director of the French Center of Research in Sanaa “Centre français d’Études yéménites” (Yemen, 1982-1986). He directed several more research institutions: Institut de Recherches et d’Études sur le Monde arabe et musulman (CNRS, Aix-Marseille, 1997-2000), Laboratoire des Études sémitiques anciennes (CNRS, Aix-Marseille I, II & III, 2001-2006), Orient & Méditerranée (CNRS, Paris IV, Paris I, EPHE and Collège de France 2006-2010), as well as Research Programs: Pre-Islamic Arabian Inscriptions (10th Century BC — 10th Century AD, INTAS, (Russian, British, French and Italian teams, 1994-1996), Incense Long Distance Trade, Pre-Islamic Inscriptions and Antiquities of Hadramawt, INTAS (Russian, French German and Italian teams, 2001-2004), De l’Antiquité à l’Islam, DATI, French Research Agency (ANR, 2005-2009), *Coranica*, French ANR and German DFG, 2011-2014 (CNRS-BBAW, 2011-2014). He also led and directed two Archaeological teams: the French archaeological Mission in Yemen (1978-2008), the French archaeological Mission in Najrân, Saudi Arabia (since 2006).



פרופסור כריסטיאן רובאן | Professor Christian Robin

Centre National de la Recherche Scientifique and Académie des Inscriptions
et Belles-Lettres, Paris, France

סמינר | Seminar

RECENT ARCHAEOLOGICAL DISCOVERIES IN THE SOUTH OF THE ARABIAN PENINSULA

In 2014 the *Mission archéologique franco-saoudienne de Najrân* in southwestern Saudi Arabia discovered inscriptions in Arabic script dating to 470 CE that revolutionize the history of writing and of the calendar in pre-Islamic Arabia.

הסמינר יתקיים ביום שלישי,
8 במרץ 2016, בשעה 12:15,
בחדר 204, בבניין גילמן,
אוניברסיטת תל-אביב, רמת-אביב

The seminar will be held on Tuesday,
8 March 2016, at 12:15,
room 204, Gilman Building,
Tel-Aviv University, Ramat-Aviv

הרצאה | Lecture

JEWISH AND CHRISTIAN HIMYAR

It is now certain that, for 120 years, ca 380–500 CE, the kingdom of Himyar (that is to say almost all of Arabia) was inclined towards Judaism. Then, after a troubled period, it was officially Christian for over 40 years, ca 530–570. The question will be asked of the nature of this Judaism and this Christianity.

ההרצאה תתקיים ביום ראשון,
13 במרץ 2016, בשעה 14:15,
בחדר 496, בבניין גילמן,
אוניברסיטת תל-אביב, רמת-אביב

The lecture will be held on Sunday,
13 March 2016, at 14:15,
room 496, Gilman Building,
Tel-Aviv University, Ramat-Aviv

הרצאת אורח בסמינר המחלקתי של החוג לארכיאולוגיה Guest Lecture in the Archaeology Departmental Seminar

THE ORIGINS OF THE SOUTH ARABIAN CIVILIZATION: THE TEMPLE AND THE THRONE

What the inscriptions and the archaeological remains tell us about the early kingdoms of South Arabia (eighth–sixth centuries BCE).

הסמינר יתקיים ביום שני,
14 במרץ 2016, בשעה 16:15,
בחדר 281, בבניין גילמן,
אוניברסיטת תל-אביב, רמת-אביב

The seminar will be held on Monday,
14 March 2016, at 16:15,
room 281, Gilman Building,
Tel-Aviv University, Ramat-Aviv



Prof. Benjamin Sass, Prof. Christian Robin and Prof. Israel Finkelstein



Prof. Christian Robin at one of his lectures

Tel Aviv, 20 March 2016

Professor Marek Karliner
Director
The Mortimer and Raymond Sackler Institute of Advanced Studies

Dear Prof. Karliner,

*Re: Report on the visit of professor Christian Robin, Nirit and Michael Shaoul Fellow
for the academic year 2015/2016*

Professor Robin of Paris is a leading authority on the history, inscriptions and archaeology of pre-Islamic and early Islamic Arabia. His research covers topics such as the earliest Arabian states, early Judaism and Christianity in Arabia, and early Islam – the importance of which resonates far beyond the Arabian peninsula itself.

Robin is emeritus Directeur de recherche at the French national center of scientific research. He directed the Institut de Recherches et d'Études sur le Monde arabe et musulman at Aix-Marseille in 1997–2000, the Laboratoire des Études sémitiques anciennes at Aix-Marseille in 2001–2006, and the Laboratoire Orient & Méditerranée in Paris in 2006–2010.

He directed besides a great number of research programs and institutions. Among them he is the founder and first director of the French Center of Research in Sanaa, director of the French archaeological expeditions to Yemen in 1978–2008, and to Najrân, Saudi Arabia, since 2006. He is president of the Africa and Arabia Committee for Archaeology in the French Ministry of Foreign Affairs since 2005, and president of the Scientific Committee of the French Research Center in Jerusalem.

Robin's list of publications is some 50 pages long.

Robin is vice president of the Académie des inscriptions et belles-lettres and chevalier de la Légion d'Honneur, fellow of the German Archaeological institute and of the Italian institute of the Middle and Far East.

We were fortunate to have Prof. Robin here on 5–18 March 2016. He has delivered three lectures:

1. Recent archaeological discoveries in the south of the Arabian Peninsula

In 2014 the *Mission archéologique franco-saoudienne de Najrân* in southwestern Saudi Arabia discovered inscriptions in Arabic script dating to 470 CE that revolutionize the history of writing and of the calendar in pre-Islamic Arabia.

Extraordinary seminar on 8 March.

2. Jewish and Christian Himyar

It is now certain that, for 120 years, ca 380–500 CE, the kingdom of Himyar (that is to say almost all of Arabia) was inclined towards Judaism. Then, after a troubled period, it was officially Christian for over 40 years, ca 530–570. The question will be asked of the nature of this Judaism and this Christianity.

Public lecture on 13 March.

3. The origins of the South Arabian civilization: The temple and the throne

What the inscriptions and the archaeological remains tell us about the early kingdoms of South Arabia (eighth–sixth centuries BCE).

Archaeology Dept. seminar on 14 March.

Prof. Robin's visit to Tel Aviv University was a great success. His lectures enabled faculty members and students of different departments – Archaeology, Arabic, Middle East, Jewish History) to expand their knowledge on the history and archaeology of the Arabian Peninsula. No less important, the visit helped to strengthen relations between scholars at Tel Aviv University and French academic Institutions.

Sincerely yours,

Israel Finkelstein



Benjamin Sass



PROFESSOR ROBERT A. KORAJCZYK



Prof. Robert A Korajczyk, Nirit and Michael Shaoul fellow 2015/2016, is a member of the Kellogg School faculty since 1982, Robert A. Korajczyk is the Harry G. Guthmann Professor of Finance. At Kellogg, Korajczyk has previously served as Senior Associate Dean: Curriculum and Teaching, Chair of the Department of Finance, Director of the Zell Center for Risk Research, and co-director of the Financial Institutions and Markets Research Center.

Prof. Korajczyk's research interests are in the areas of investments and empirical asset pricing. He is a recipient of the 2009 Crowell Prize for best paper in the field of quantitative asset management, awarded by PanAgora Asset Management; the Alumni Choice Faculty Award 2000; the Core Teaching Award 1998 and 2000; the Sidney J. Levy Teaching Award 1996; the New York Stock Exchange Award for Best Paper on Equity Trading, presented at the 1993 Western Finance Association annual meetings; and the Review of Financial Studies Best Paper Award, 1991. Professor Korajczyk is a past editor of the Review of Financial Studies and a past associate editor of the Review of Financial Studies, Journal of Business & Economic Statistics, Journal of Empirical Finance, and the Journal of Financial and Quantitative Analysis.

Prof. Korajczyk has held visiting faculty appointments at the University of Chicago, the University of Melbourne, the University of Vienna, and the Hong Kong University of Science and Technology. Professor Korajczyk serves on the product development committees of Select Innovation Investments, LLC and DSC Quantitative Group, LLC.

The Nirit and Michael Shaoul Fund
for Visiting Scholars and Fellows



קרן למדענים אורחים
ע"ש נירית ומיכאל שאול



פרופסור רוברט קורייצ'יק

המחלקה למימון, ביה"ס קלוג לניהול
אוניברסיטת נורת'ווסטרן, אילינוי, ארה"ב

Professor Robert A. Korajczyk

Department of Finance, Kellogg School of Management
Northwestern University, Illinois, USA

Lecture | הרצאה

HIGH-FREQUENCY MARKET MAKING TO LARGE INSTITUTIONAL TRADES

We characterize high-frequency trader (HFT) and designated market maker (DMM) behavior in the presence of large, directional institutional trade packages in Canadian equity markets. HFT liquidity provision is significantly reduced for "stressful" trades. HFT average stock-day profitability is under \$300, mostly from liquidity re-bates. HFTs reduce liquidity provision after losses. The average effective spread for large non-stressful (stressful) institutional trades is 12 (42) basis points and is significantly affected by HFT choice of liquidity provision. Over the life of a large trade, HFTs initially accommodate the order, but quickly switch to competing with the order.

The lecture will be held on Tuesday,
15 March 2016, at 14:00, Room 408,
Recanati Business Administration Building,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שלישי,
15 במרץ 2016, בשעה 14:00,
חדר 408, בניין רקאנטי למנהל עסקים,
אוניברסיטת תל-אביב, רמת-אביב

Light refreshments will be served before the lecture
<http://www.tau.ac.il/institutes/advanced/>



Prof. Robert Korajczyk and Prof. Moshe Zviran



Prof. Robert Korajczyk at his lecture

Dr. Sivan Frenkel - Lecturer in Finance

Sunday, April 10, 2016

Professor Marek Karliner
Director
The Mortimer and Raymond Sackler Institute for Advanced Studies

Dear Professor Karliner,

I am writing you to summarize briefly the very successful visit of Professor Robert A. Korajczyk, who came here as a *Nirit and Michael Shaoul Fellow* on March 2016.

Professor Korajczyk is the Harry G. Guthmann Professor of Finance at the Kellogg School of Management, Northwestern University. His research interests are in the areas of investments and empirical asset pricing. He is a recipient of the 2009 Crowell Prize for best paper in the field of quantitative asset management, awarded by PanAgora Asset Management; the New York Stock Exchange Award for Best Paper on Equity Trading, presented at the 1993 Western Finance Association annual meetings; and the Review of Financial Studies Best Paper Award, 1991. Professor Korajczyk is a past editor of several reputable journals in Finance, and author of more than 20 papers, many of whom published in the best journals in Finance. He has also written two books and edited one more.

During his visit, Professor Korajczyk had fruitful personal conversations with all finance faculty here at the School of Management. He also met our PhD students, and was even kind enough to meet some of our staff and share his experience as past Senior Associate Dean at the Kellogg School of Management.

On March 15, Professor Korajczyk presented in our Finance seminar series a working paper titled "High Frequency Market Making to Large Institutional Trades," written with his co-author Dermot Murphy. His talk presented some empirical results on the role of trading firms that use super-fast algorithms, known in the literature as high frequency traders (HFTs). High frequency trading is one of the hottest topics in Finance today, as it is responsible for a significant amount of the trading volume, and its implications are not completely understood. In contrast to the popular wisdom, the presented research finds that HFTs do not profit by using their superior speed in order to exploit institutional traders. In fact, they are actually losing money on their trading activity. HFTs make their net profits by generating "maker's fees" - per-transaction rebates issued by a financial exchange in order to incentivize liquidity provision in



Dr. Sivan Frenkel - Lecturer in Finance

markets, leading to narrow spreads between bid and ask prices. In other words, HFTs are making money by providing liquidity -- exactly how they are “supposed” to.

About 20 people attended in the seminar, which is large compared to our standard seminar. In addition to The School of Management’s faculty and students, the lecture drew several participants from the financial industry, probably coming from Israeli high frequency traders.

I understand that Professor Korajczyk was very pleased by the conditions in his trip to Israel. I would like to thank the Institute and the Nirit and Michael Shaoul Fund for their generous financial support and for their help in organizing this visit.

Sincerely,



Dr. Sivan Frenkel
Finance Seminar Organizer
Finance Group
School of Management
Tel Aviv Univeristy



PROFESSOR BRIAN STOCK



Prof. Brian Stock, Nirit and Michael Shaoul fellow 2015/2016, is a dual citizen of Canada and France. He is a graduate of Harvard University (A.B., *summa cum laude*, 1962) and the University of Cambridge (Ph.d., 1967). In 1967 he was elected a junior fellow of the Pontifical Institute of Mediaeval Studies, Toronto, and in 1971 a senior fellow (corresponding to full professorship in the School of Graduate Studies, University of Toronto). After 1991 his appointment was changed to distinguished professor of history and literature and Senior Research Associate, Victoria College, University of Toronto. He was *conférencier* at the Collège de France in 1987 and elected to the *chaire internationale* in 1996. He has been university professor in several institutions: University of California (1985), Dartmouth College (1991), and Central European University, Budapest (2001-). He was Sather Professor of Classical Literature in the University of California, Berkeley, in 2001.

Among Prof. Stock's publications are *The Implications of Literacy* (1981) and *Augustine the Reader* (1996). Among more recent books are *Bibliothèques intérieures* (Genoble, 2005), and *Ethics through Literature*, published in English and French in 2008. In 2007 he was awarded the prestigious International Feltrinelli Prize of the Accademia Nazionale dei Lincei, Rome.

THE SELF IN CRISIS

An Interdisciplinary Workshop

Monday, April 4, 10:00-14:00, Room 496, Gilman Building

תכנית | Program

Introduction
Professor Aviad Kleinberg

דברי פתיחה
פרופסור אביעד קליינברג

➤ **Brian Stock**
Professor of History and Comparative literature,
Senior Research Associate, Victoria College,
University of Toronto, Canada

בריאן סטוק
פרופסור להיסטוריה ולספרות השוואתית,
חוקר בכיר, ויקטוריה קולג',
אוניברסיטת טורונטו, קנדה

AN EXEMPLARY CRISIS: ST. AUGUSTINE'S CONVERSIONS

Professor Galia Patt-Shamir
Chair, Department of East Asian Studies, TAU

פרופסור גליה פת-שמיר
ראשת החוג ללימודי מזרח אסיה, אוני-תל-אביב

SELF AS RELATEDNESS: THE CASE OF ZHANG ZAI'S WESTERN INSCRIPTION

Discussion

דין

Coffee Break

הפסקת קפה

Professor Aviad Kleinberg
Head, The Zvi Yavetz School of
Historical Studies, TAU

פרופסור אביעד קליינברג,
ראש בית הספר להיסטוריה ע"ש צבי יעבץ,
אוני-תל-אביב

WHOSE SELF IS IT ANYWAY? : A 13TH CENTURY CASE OF DEMONIC POSSESSION

Dr. Tomer Persico
Program of Religious Studies, TAU

ד"ר תומר פרסיקו
התכנית הבין תחומית למדעי הדתות, אוני-תל-אביב

HITBODEDUT MEDITATION AND THE ANNULMENT OF THE SELF ACCORDING TO R. NACHMAN OF BRATSLAV

Professor Ruth Ronen
Chair, Department of Philosophy, TAU

פרופסור רות רונן
ראשת החוג לפילוסופיה, אוני-תל-אביב

REVOLUTIONARY TEACHING: LACAN UNDER ATTACK

Discussion

דין

The Nirit and Michael Shaoul Fund
for Visiting Scholars and Fellows

Department of History
Department of Literature



קרן למדענים אורחים
ע"ש נירית ומיכאל שאול

החוג להיסטוריה כללית
החוג לספרות



Philosopher in Meditation by Rembrandt

בריאן סטוק

פרופסור להיסטוריה ולספרות השוואתית
חוקר בכיר, ויקטוריה קולג', אוניברסיטת טורונטו, קנדה

Brian Stock

Professor of History and Comparative Literature
Senior Research Associate, Victoria College, University of Toronto, Canada

Lecture | הרצאה

TOWARDS A SECULAR SPIRITUALITY: MEDITATION AND THE HUMANITIES

In recent years meditation has become an important technique in the field of mind-body medicine. Experimental research has shown that certain pathological conditions (e.g., high blood pressure) can be effectively treated by means of meditation, or by a combination of meditation and medication. These techniques have generally drawn on eastern traditions of meditation, principally those in Buddhism and Hinduism. In this lecture I discuss Western thinking in this area, specifically in medicine, literature, and philosophy, in an attempt to explain why meditative therapies did and did not take hold in late antiquity, the middle ages, and the early modern period. I argue that there are two principal reasons for the weak response of Western society to the challenge of meditative healing techniques. One of these can be traced to the rationalist and empirical traditions of Greek and Roman medicine; the other has to do with a complex interdependence between meditation and reading practices in the period before the age of the printed book.

The Lecture will be held on Monday,
11 April 2016, at 12:00,
Room 496, Gilman Building,
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני,
11 באפריל 2016, בשעה 12:00,
חדר 496, בניין גילמן,
אוניברסיטת תל-אביב, רמת-אביב

כיבוד קל יוגש לפני ההרצאה | Light refreshments will be served before the lecture
<http://www.tau.ac.il/institutes/advanced/>



Prof. Brian Stock and
Prof. Marek Karliner - Director of the Institute of advanced Studies



Prof. Brian Stock at one of his lectures

The Lester and Sally Entin Faculty of Humanities

הפקולטה למדעי הרוח
ע"ש לסטר וסאלי
אנטין

בית הספר להיסטוריה ע"ש צבי יעבץ

The Zvi Yavetz School of Historical Studies

Professor Marek Karliner
Ms. Ronit Nevo
The Mortimer and Raymond Sackler Institute of Advanced Studies

June 24, 2016

Dear Marek and Ronit,

I write to thank you for funding the very successful visit of Prof. Brian Stock as a Nirit and Michael Shaoul Fellow for the academic year 2015/2016.

Professor Brian Stock is a renowned, widely published scholar, who has won numerous international prizes for his work in the fields of classical and medieval history and comparative literature. We hoped that his wide-ranging scholarship would make his visit rewarding for students and faculty from many departments.

And so it was. Stock gave a very interesting lecture on the changing culture of reading from late antiquity to our days and a workshop on the "Self in Crisis" in which Tel-Aviv-University faculty from the departments of history, religious studies, East Asian studies

and philosophy participated. Both events were well attended and produced lively debates. Perhaps more important than these formal events were the many informal discussions between Stock, faculty members and doctoral students of the faculty of humanities. Stock met numerous senior and junior scholars, read manuscripts, offered invaluable comments and suggestions, and with great generosity shared with us his knowledge and international web of contacts. In some cases at least, this meant more than just an exchange of ideas with a major figure in the world of learning; it meant a turning point in his interlocutors' careers. We could not have wished for a more successful visit. We are grateful to the Shaoul Family Fund for Visiting Scholars and Fellows for making it possible.

We also owe a debt of gratitude to the two of you and to the wonderful team of the Mortimer and Raymond Sackler Institute of Advanced Studies. The team's efficiency and attentiveness left our distinguished visitor with the most positive sentiments about Israel, Tel Aviv and Tel Aviv University.

With best wishes,


Aviad Kleinberg

Professor, Head of the Zvi Yavetz School of Historical Studies

Tel Aviv, 13 April 2016.

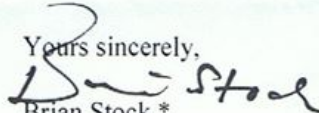
Dear Nirit and Michael Shaoul,

Having traveled a lot over my career, I find that one of the most reliable ways to judge a city is by the quality of its coffee. By that criterion, Tel Aviv does very well. I have been here for almost two weeks as a Shaoul Fellow and I have not yet had a disappointment. I am writing this letter from a small outdoor café that straddles the median for cyclists and pedestrians on Rothschild Boulevard. It is a good vantage point from which to offer you a few reflections on the city and my fellowship, in response to the kind invitation of Professor Marek Karliner. Before turning to the Institute of Advanced Studies, to which I have the honour of being a member for a short time, let me say a few more words about the city, since, in a comparable but different manner, Tel Aviv has come of age as has its University in the twenty years that have passed between this and my last academic visit. Tel Aviv has become one of the great Mediterranean cities, comparable in some respects to Marseilles or Barcelona. It is a multicultural city, open and tolerant, and indifferent to variants in contemporary lifestyles. I look around me in the Rothschild Café. It is nearly ten, and the working crowd has left. I am in the midst of a leisured society, quiet, casually well-dressed, and unhurried. The giveaway concerning their status is that international sign of a prosperous and genderless bachelorhood, the companion dog. These people don't look particularly Jewish, Middle Eastern, European, or American. In fact, they don't look like anything but the international group of young people that one finds in many parts of the globe these days. If I took a photo and asked my Canadian friends where it came from, their first guess would doubtless be Toronto or Montreal.

As I see it, this internationalization of Tel Aviv includes the Mortimer and Raymond Sackler Institute of Advanced Studies, and within that, the fine programme of the Shaoul Fellows for 2015/16. My residency is for two weeks, and this is not enough time for me to get an overall picture of research in my field; however, I am happy to offer you a few observations based on my experience here in comparison with my participation in two other institutions of this kind. I was for twelve years a member of the *Beirat* of the Wissenschaftskolleg zu Berlin and one of the founders of the recently established Institut d'Études Avancées de Paris, from whose Conseil scientifique I resigned in 2014. In the light of my experience elsewhere, I would first of all

congratulate Dr. Karliner and his colleagues on keeping administrative costs to a minimum in the Institute. Also, in my view it is a good idea to have the Fellows' activities organized by a faculty member, in my case Prof. Aviad Kleinberg, rather than to have those invited simply in residence, and as such unconnected to the faculty in the host university. Of course, it would be possible to envisage longer periods of residence in which Fellows would be more or less independent, or working with research groups, but for the short-term visits this formula seems to me to work well. Finally, I want to say something about my reception. It has been splendid, and by that I mean that I have been rather busier than I expected. I had been informed ahead about the workshop on my field and the lecture, which I gave on 11th April. What I did not anticipate was the number of students and colleagues who have come forward to chat about their work. I have read the thesis of one graduate student and interviewed many others. Mostly I have had conversations with faculty members on their research, where it intersects with my own interests. So many people have come forward that I have booked them up to evening when I have to pack my suitcase for my return to Canada. It has been an interesting time, and I have learned as much from my colleagues here as they may have learned from me.

I am grateful for this opportunity to visit the Institute of Advanced Studies and would like to thank you for making it possible.

Yours sincerely,

Brian Stock.*

*Former Professor at the Collège de France; former Sather Professor of Classical Literature, University of California, Berkeley; recipient of the Premio Internazionale Feltrinelli, Accademia dei Lincei, Rome, 2007.

PROFESSOR HANNES LICHTÉ



Prof. Hannes Lichte, Nirit and Michael Shaoul fellow 2015/2016, is a world expert in the electron holography and head of the famous Triebenberg Laboratory in Dresden. His Fields of research and teaching are Experimental electron wave optics, i.e. electron interferometry and holography as well as atomic resolution electron microscopy (TEM).

Prof. Lichte received his Diploma degree from the University of Tübingen, as well as his PhD, prepared under supervision of Prof. Gottfried Möllenstedt. He also taught at the University of Tübingen for several years (1989-1994), before arriving to Dresden University, where he conceived and established the Triebenberg Laboratory for Highest Resolution Electron Microscopy and Holography (1994-2016). He served as President of the DGE (German Society of Electron Microscopy) (2004-2005) and was a Member of the Board of the International Federation of the Societies for Microscopy (2002-2006).

Prof. Lichte has received many honors and awards, including Helmholtz Prize of the Physikalisch-Technische Bundesanstalt Braunschweig (the German NBS) (1979); Carus Medal of the German Academy of Natural Researchers and Physicians "Leopoldina" (1986); Prize for Promotion of Science in Europe awarded by the Körber Foundation, Hamburg, together with Profs. Herrmann, Lenz and Möllenstedt (1987); Ernst Ruska Prize awarded from the German Society of Electron Microscopy (1989); Elected member of the Deutsche Akademie der Naturforscher LEOPOLDINA, Halle (2002); International Francqui Chair, Antwerp, from Francqui Fondation, Bruxelles, Belgium (2002); Distinguished Scientist Award for Physical Sciences by the Microscopy Society of America (MSA), jointly with appointment as Fellow and Honorary Member of MSA (2011); Honorary Member of the German Society for Electron Microscopy (DGE) (2012).

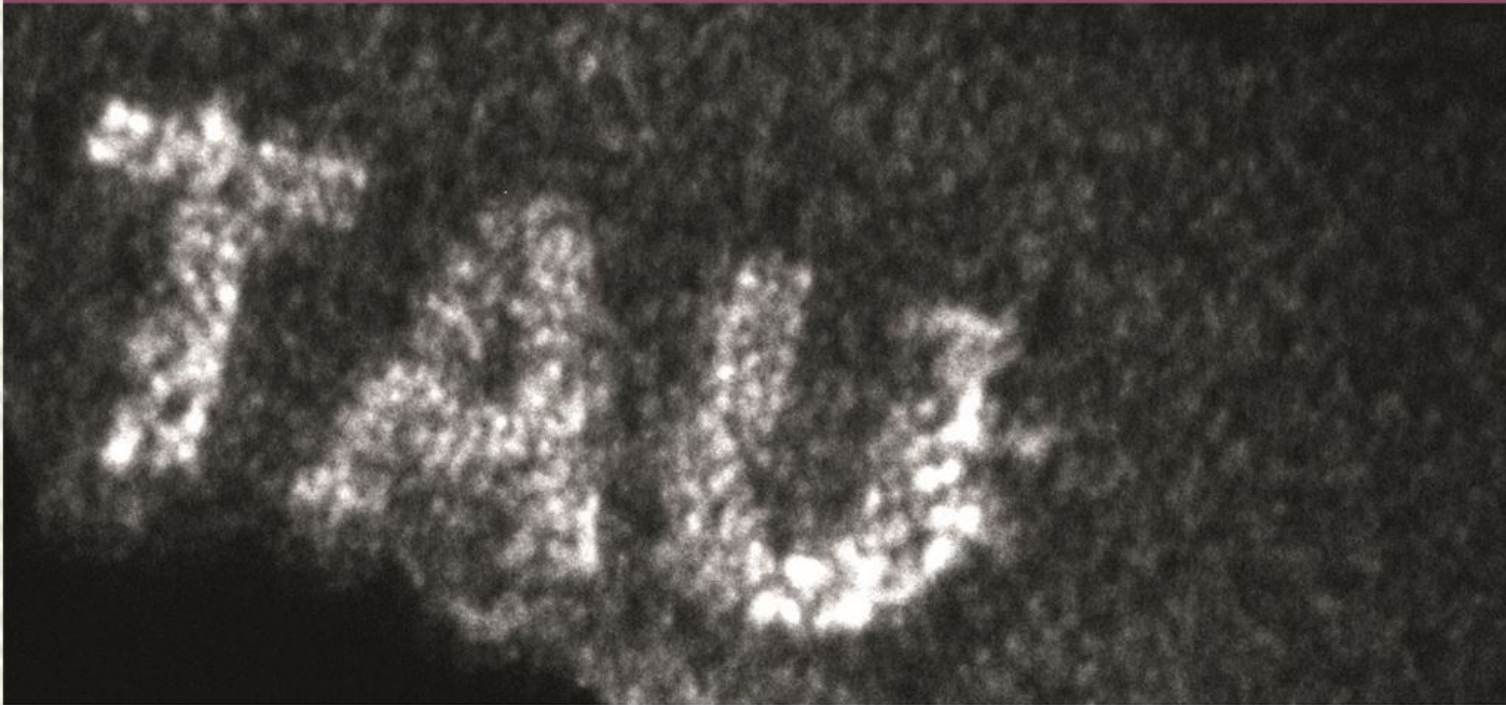
The Nirit and Michael Shaoul Fund
for Visiting Scholars and Fellows

The Center for Nanoscience
& Nanotechnology



קרן למדענים אורחים
ע"ש נירית ומיכאל שאול

המרכז לננו-טכנולוגיה
וננו-מדעים



פרופסור האנס לישטה

המכון לפיזיקה מבנית, מעבדת טרייבנברג, האוניברסיטה הטכנולוגית, דרזדן, גרמניה

Professor Hannes Lichte

Institute of Structure Physics, Triebenberg Laboratory
Technische Universität, Dresden, Germany

Seminar | סמינר

NANOANALYSIS: DO WE NEED THE PHASES OF ELECTRON WAVES?

The seminar will be held on Tuesday
5 April 2016, at 14:00, Room 011
Classroom Building, Faculty of Engineering
Tel-Aviv University, Ramat-Aviv

הסמינר יתקיים ביום שלישי
5 באפריל 2016, בשעה 14:00
חדר 011, בניין כיתות, הפקולטה להנדסה
אוניברסיטת תל-אביב, רמת-אביב

כיבוד קל יוגש לפני הסמינר | Light refreshments will be served before the seminar
<http://www.tau.ac.il/institutes/advanced/>



Prof. Ady Arie, Prof. Hannes Lichte and Dr. Yossi Lereah



Prof. Hannes Lichte at one of his lectures

•••
School of Electrical Engineering
Department of
Electrical Physical Electronics



Iby and Aladar Fleischman
Faculty of Engineering
Tel Aviv University

הפקולטה להנדסה
ע"ש איבי ואלדר פליישמן
אוניברסיטת תל אביב

•••
בית הספר להנדסת חשמל
המחלקה לאלקטרוניקה פיזיקאלית

17 May 2016

Report on the Activities of Professor Hannes Lichte, Shaoul Fellow, April 2016

Professor Marek Karlinger

Director of The Mortimer and Raymond Sackler Institute of Advanced Studies

Dear Prof. Karliner

We would like to thank the *Nirit and Michael Shaoul Foundation* for supporting the visit of Professor Hannes Lichte from Germany, on 1-15 April 2016.

Prof. Hannes Lichte is the world leader of the field Electron Holography and is a world expert in Electron Optics. The visit of Prof. Lichte was most productive for new activity that was initiated recently in Tel Aviv University. In this activity the local existing knowledge on light optics is projected into the field electron optics in order to shape the electron wave. It is also productive for establishment the method of Electron Holography in Israel via Tel Aviv University.

During his visit, Prof. Hannes Lichte gave a seminar on the future challenges of Electron Holography and a 30 hours course on Electron Optics.

The course was given in round table style, which encouraged dialog between the lecturer – Prof. Hannes Lichte - and the participants: more than 20 graduate students, post docs and professors. Selected participants, mainly young ones, presented their work and open it for discussion particularly for having Prof. Hannes Lichte feed-back.

The course was most successful by all means – the academic insights, the high level quality of teaching and the students' involvement. I am pleased to inform that in his summarizing comments, Prof. Lichte expressed his enjoyment from the students' interest and activity.

Yossi Lereah.

Sincerely Yours

Yossi Lereah (Ph.D.)

c.c. Prof. Yossi Rosenwax – Dean, Faculty of Engineering

Prof. Ady Arie – Head of the School of Electrical Engineering

PROFESSOR PHILIP BOND



Prof. Philip Bond, Nirit and Michael Shaoul fellow 2015/2016, is the Norman J. Metcalfe Endowed Professor in Finance in the Foster School of Business at the University of Washington. He is a native of the United Kingdom. Professor Bond received his BA in Mathematics from Oxford University, and his PhD in Economics from the University of Chicago. He held previous faculty positions in the Kellogg School of Management at Northwestern University (1999-2003), the Wharton School at the University of Pennsylvania (2003-2010), and the Carlson School of Management at the University of Minnesota (2010-2013).

Prof. Bond is a leading financial theorist as well as an economic theorist. His main research interest is the role of contracts and asymmetric information in financial markets. He has published in all three major finance journals (Journal of Finance, Review of Financial Studies, Journal of Financial Economics), as well as top economic journals such as the Review of Economic Studies and The Journal of Economic Theory. He is an incoming co-editor of the Journal of Finance.



פרופסור פיליפ בונד

הקתדרה במימון ע"ש נורמן ג'. מטקאלף
בי"ס לעסקים ע"ש פוסטר, אוניברסיטת וושינגטון, ארה"ב

Professor Philip Bond

Norman J. Metcalfe Endowed Professor in Finance
Foster School of Business, University of Washington, U.S.A

Lecture | הרצאה

BAILOUTS AND THE INFORMATION CONTENT OF INVESTMENT

I analyze the effect of government bailouts on the information content of investments. I establish conditions under which expectations of future bailouts cause both investment magnitudes and asset prices to become more divorced from the fundamental quality of an investment. This in turn means that each investor extracts less useful information from the investment decisions of other investors, and makes worse investment decisions. In order to establish these results with minimal assumptions on payoff functions and distributions, I derive new results relating to Lehmann's (1988) measure of information content. These results are potentially useful in other applications.

The lecture will be held on Tuesday
12 April 2016, at 11:00, Room 408
Recanati Business Administration Building
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שלישי
11:00 בשעה 12 באפריל 2016,
חדר 408, בניין רקאנטי למנהל עסקים
אוניברסיטת תל-אביב, רמת-אביב



Prof. Philip Bond and Dr. Sivan Frenkel



Prof. Philip Bond at his lecture

Dr. Sivan Frenkel - Lecturer in Finance

Monday, June 6, 2016

Professor Marek Karliner
Director
The Mortimer and Raymond Sackler Institute for Advanced Studies

Dear Professor Karliner,

I am writing you to summarize briefly the very successful visit of Professor Philip Bond, who visited the School of Management as a *Nirit and Michael Shaoul Fellow* on April 2016.

Professor Bond is the Norman J. Metcalfe Endowed Professor in Finance at the Foster School of Business, Washington University. He is a theorist, who specializes in corporate finance and financial markets. Much of his research focuses on the role of financial institutions in the economy and on the regulation of credit markets. He is a recipient of the 2015 Brattle Group Prize for outstanding papers on corporate finance that are published in the *Journal of Finance*. Being recognized as one of the top theorists in the field of Finance, he was recently appointed as co-editor of the *Journal of Finance*, one of the most important academic journals on finance and one of the most widely cited journals in all of economics as well.

During his visit, Professor Bond had fruitful personal conversations with all finance faculty here at the School of Management. He also met our PhD students and commented about their research. On April 12, Professor Bond presented in our Finance seminar series a working paper titled "Bailouts and the information content of investments." In this paper, Professor Bond develops tools for ordering the informativeness of actions and prices when linearity doesn't hold, making use of Lehmann's (1988) information ordering. He uses these tools to show how (and when) the possibility of government bailouts might result in bad investment decisions. The paper makes an important methodological contribution to the theory of information in economics and finance.



הפקולטה לניהול
אוניברסיטת תל-אביב



Tel Aviv University
School of Management

Dr. Sivan Frenkel - Lecturer in Finance

About 20 people attended the seminar, which is large compared to our standard seminar. All of us at the finance group had the opportunity to meet a great scholar who also holds an important position in the academic field of finance.

Professor Bond was very pleased by the conditions in his trip to Israel, and told me he had a nice and productive visit. I would like to thank the Institute and the Nirit and Michael Shaoul Fund for their generous financial support and for their help in organizing this visit.

Sincerely,

A handwritten signature in black ink, appearing to be 'Sivan Frenkel'.

Dr. Sivan Frenkel
Finance Seminar Organizer
Finance Group
Coller School of Management
Tel Aviv Univeristy



PROFESSOR THOMAS A. WITTEN



Prof. Thomas A. Witten, Nirit and Michael Shaoul fellow 2015/2016, is in the Department of Physics, the James Franck Institute, University of Chicago, Chicago, Illinois since 1989. He received a PhD in physics in 1971 from the University of California, San Diego. After postdoctoral fellowships at Princeton University and at Saclay, France, he joined the physics faculty at University of Michigan. He left Michigan in 1982 to join the Corporate Research lab of the Exxon Corporation. He is the winner of the Polymer Physics Prize of the American Physical Society in 2002, was named the Lorentz Prof. in Leiden University in 2010 and was Sackler Scholar in 2012/2013.

Prof. Witten is co-author with Phillip A. Pincus of the book, *Structured Fluids: Polymers, Colloids, Surfactants*, Oxford University Press 2004, 2010. Prof. Witten studies statistically structured forms of matter, such as diblock copolymer domain patterns, colloidal aggregates, and crumpled membranes. Witten is the co-discoverer of diffusion-limited aggregation (1981) and a co-inventor of the statistical theory of the polymer brush (1988). He is a co-discoverer of the stretching ridge in confined elastic sheets. (b. 1944)

פרופסור תומס ויטן

המחלקה לפיסיקה, המכון ע"ש גיימס פרנק
אוניברסיטת שיקגו, ארה"ב

Professor Thomas A. Witten

Department of Physics, James Franck Institute
University of Chicago, USA

קולוקוויום | Colloquium

INFORMATION FLOW IN A JAMMED PACK

Imagine a few thousand small solid spheres dispersed in a large box. The spheres gradually expand, displacing one another until they are no longer free to move. The resulting state of "marginal jamming" is qualitatively unlike conventional solids characterized by elastic constants. Thus a force applied to one sphere and propagating through the jammed system cannot be described via conventional elastic deformation modes. Instead the deformation is described by a new class of "marginal modes" that act as conduits for force. These modes reflect the "isostatic" duality of the marginally jammed state: the deformations may be specified on an equal footing either by the vector sphere displacements or by the scalar contact separations. Here we measure the ability of a marginally jammed system to transmit perturbations of one surface to the opposite surface. New simulations suggest that this transmission is limited by a weak form of localization of the marginal modes that was not previously recognized. We contrast this localization with the topologically protected modes seen in certain constructed isostatic systems [cf. Sussman, Stenull, Lubensky 2015].

The lecture will be held on Sunday
15 May 2016, at 14:00, Melamed Hall
Shenkar Physics building
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום ראשון
15 במאי 2016, בשעה 14:00
אולם מלמד (6), בניין שנקר לפיסיקה
אוניברסיטת תל-אביב, רמת-אביב

סמינר | Seminar

PREDICTING COMPLEX ELECTROPHORETIC MOTIONS OF UNEVENLY CHARGED COLLOIDS

Biology provides us many reproducible colloid-scale systems that have reproducible but asymmetric charge distributions. Such objects have complex tensor responses to an electric field. They translate and rotate in directions that depend on both the field and their orientation. We report a discrete particle simulation method aimed at predicting these tensor responses. The discrete particles carry charge, countercharge and Stokes drag. They respect the conservation of momentum and angular momentum that distinguish the electrophoretic response. Using two thousands of these discrete particles we reproduce the known motion of monopolar, dipolar and quadrupolar charges on a sphere to less than five percent. Since this method does not rely on symmetries of the object, it can readily be generalized to arbitrary shapes. We show nonintuitive motions arising from time-varying driving fields.

The lecture will be held on Wednesday
8 June 2016, at 11:00
room 118, Kaplun Physics Building
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום רביעי
8 ביוני 2016, בשעה 11:00
חדר 118, בניין קפלון לפיזיקה
אוניברסיטת תל-אביב, רמת-אביב



Prof. Haim Diamant, Prof. Thomas A. Witten and Prof. Yoram Dagan



Prof. Thomas A. Witten at one of his lectures

Prof. Haim Diamant

phone +972-3-640-6967 • fax +972-3-640-8122 • mobile +972-54-797-2879

e-mail hdiamant@tau.ac.il • web <http://www.tau.ac.il/~hdiamant>

July 10th, 2016

Prof. Marek Karliner, Director
Mortimer and Raymond Sackler Institute of Advanced Studies
Tel Aviv University

Dear Professor Karliner:

Visit of Shaoul Fellow Thomas A. Witten

Professor Thomas A. Witten of the Department of Physics and James Franck Institute, University of Chicago, visited Tel Aviv University as a Nirit and Michael Shaoul Fellow between May 13th and June 10th, 2016. Below is a report on his visit.

Lectures. Professor Witten gave two lectures during his visit:

1. *"Information flow in a jammed pack"*, on May 15th
2. *"Predicting complex electrophoretic motions of unevenly charged colloids"*, on June 8th.

The first lecture was in the form of a colloquium, addressing a wide audience of physicists and chemists. The second was a more focused seminar for the TAU soft-matter and biophysics community. Both lectures were well-attended and well-accepted, including lively free discussions.

Meetings. During the visit Prof. Witten had scientific discussions with many TAU faculty members, including the following:

- School of Physics & Astronomy: Prof. David Andelman, Prof. Roy Beck, Prof. David Bergman, Prof. Yacov Kantor.
- School of Chemistry: Prof. Haim Diamant, Dr. Yael Roichman.
- School of Mechanical Engineering: Dr. Yair Shokef.

Apart from these scheduled meetings, he interacted with many more faculty members and graduate students unofficially, over lunches and coffees. This included a fruitful discussion with a PhD student in *archeology*, who came to consult with him about granular matter.

Collaboration. During his stay, Prof. Witten and I worked together on two projects: one concerning the sedimentation of colloids, and the other concerning symmetries of thin elastic sheets. The first project involves two graduate students in my group, who had the chance to extensively interact with Prof. Witten.

Miscellaneous. Professor Witten stayed at the heart of Tel Aviv and could enjoy the city and its cultural activity. He had one-day visits to other universities and institutes in Israel, as well as a tour in the Negev.

Summary. Professor Witten's visit to Tel Aviv University was very successful. This is his expressed opinion as well as ours. As anticipated when the visit had been first proposed, many people at TAU, senior and junior, benefitted from the interaction with this unique scientist. We wish to thank the Nirit and Michael Shaoul Fund and the Institute for making it happen. I would like to add special thanks to Ms. Ronit Nevo for the organization of the visit and lectures.

Sincerely yours,

A handwritten signature in black ink that reads "H. Diamant". The signature is written in a cursive style with a large, stylized initial "H".

Haim Diamant

PROFESSOR ANN MAJCHRZAK



Prof. Ann Majchrzak, Nirit and Michael Shaoul fellow 2015/2016, is the Associates of USC Chair of Business Administration for the Marshall School of Business at the University of Southern California. She is a Professor of Digital Innovation in the Department of Data Sciences and Operations. She is a Senior Scholar and Fellow of the Association for Information Systems, awarded for “making an outstanding contribution to the I.S. discipline in research, teaching, and service”. In 2015, she received a lifetime service award from the Organizational Communication and Information Systems Division of the Academy of Management. She has been a member of 3 National Research Council Committees. She is the longest running Senior Editor for *Organization Science*, and has held editing positions with *MIS Quarterly*. She publishes in top academic (*Management Science*, *Organization Science*, *Information Systems Research*, *MIS Quarterly*) as well as top practitioner journals (*Harvard Business Review*, *Sloan Management Review*, *California Management Review*). She has held concurrent appointments as a research mentor and visiting professor at Esade Business School, Ramon Llull University, Barcelona; LUISS University, Rome Department of Business and Management in the areas of Innovation and Organization, and Stevens Institute of Technology. She is also an external expert for the Information Systems and Innovation Group, Department of Management at the London School of Economics.



פרופסור אן מיישק

המחלקה למדעי דטה ותפעול

בי"ס למנהל עסקים ע"ש מרשל, אוניברסיטת דרום קליפורניה

Professor Ann Majchrzak

Department of Data Sciences and Operations
Marshall School of Business, University of Southern California

Lecture | הרצאה

EFFECT OF KNOWLEDGE-SHARING TRAJECTORIES ON INNOVATIVE OUTCOMES IN TEMPORARY ONLINE CROWDS

The lecture will be held on Tuesday,
31 May 2016, at 14:00, Room 408,
Recanati Business Administration Building,
Tel-Aviv University, Ramat Aviv

ההרצאה תתקיים ביום שלישי,
31 במאי 2016, בשעה 14:00,
חדר 408, בניין רקאנטי למנהל עסקים,
אוניברסיטת תל-אביב, רמת-אביב

Lecture | הרצאה

DEVELOPMENT AND TEST OF SOCIOTECHNICAL DESIGNS TO FOSTER COLLABORATIVE INNOVATION IN COMMUNITY-BASED INNOVATION CONTESTS

The lecture will be held on Tuesday,
7 June 2016, at 11:00, Room 408,
Recanati Business Administration Building,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שלישי,
7 ביוני 2016, בשעה 11:00,
חדר 408, בניין רקאנטי למנהל עסקים,
אוניברסיטת תל-אביב, רמת-אביב



Prof. Dov Te'eni and Prof. Ann Majchrzak



Prof. Ann Majchrzak at one of her lecture



Prof. Ann Majchrzak, May-June 2016

(Visit report by host Dov Te'eni)

We were privileged to host Prof. Ann Majchrzak, our Nirit and Michael Shaoul Fellow for the academic year 2015/2016. We are indebted to Dr. Michael Shaoul and Dr. Nirit Weiss for making this important visit possible. The organization of the visit, logistics and the hospitality must be commended. I'd also like to thank Ronit and Marek for their dedication.

Ann came to us from the University of Southern California, where she holds the Chair in Business Administration and Digital Innovation at the Marshall School of Business. She is world renowned for her work on people and computers and on knowledge sharing and innovation.

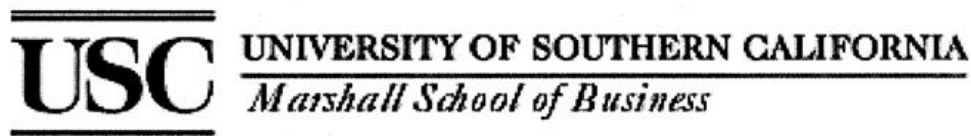
Ann visited Israel from May 29th till June 19th, 2016. She presented two lectures "Effect of Knowledge-sharing Trajectories on Innovative Outcomes in Temporary Online Crowds" and "Innovative Outcomes from Temporary Online Crowds: Toward a Theory of Online Crowd Integrative Innovation". Each lecture began with an informal gathering and continued with the formal lecture. Both lectures were well attended by researchers from the department and from other schools in TAU as well as faculty from other universities. The lectures stirred lively discussions. I had to drag Ann out of the room.

She met with several students and faculty, one-on-one for hour-long meetings (and sometimes much longer), advising them on research directions and guidance on publishing their work. I heard from my colleagues and students enthusiastic compliments about her contributions and good advice on how to proceed with their research. She also met with some, including myself, to explore collaborations. I'm optimistic she and I will complete a research project as a result of the meetings whilst she was here.

Ann also took the opportunity (her first visit to Israel) to tour the country, Jerusalem, North (Lower and upper galilee up to Misgav Am and Tel Dan) and South (Machtesh Ramon, Arad, Mezada, Dead Sea...). I escorted her on some of the tours, others she had a professional guide. She managed to see a great deal of Israel, the country, history and people. Ann spent Shabbat and Shavuot with my family (photo below).



July 7, 2016



Monday, June 20, 2016 6:32 PM

Marek Karliner
The Mortimer & Raymond Sackler Institute of Advanced Studies
Tel Aviv University

Dear Marek:

Having just returned from Israel, I would like to take this opportunity to thank you for the support of the Institute to bring me to Tel Aviv University. During this visit, I was able to interact with a wide range of professors and PhD students learning about their research and offering guidance where appropriate. I also made new connections for new collaborations which I am looking forward to developing further. Professor Te'eni's help in identifying and inviting colleagues to my talks and encouraging individual meetings was absolutely essential to the process and I am graciously appreciative to him as well. In addition to the financial support provided by the Institute, Ronit's help in making reservations, handling transportation and lodging, and scheduling was absolutely instrumental in making my stay an enjoyable and productive one. Thank you for your support in making my visit possible.

Sincerely,

A handwritten signature in cursive script that reads "Ann Majchrzak".

Ann Majchrzak
USC Associates Chaired Professor of Business Administration
Professor of Digital Innovation
Department of Data Sciences and Operations
Marshall School of Business
University of Southern California
Los Angeles, CA 90089
majchrza@usc.edu
<http://www.marshall.usc.edu/faculty/directory/majchrza>

cc: Dov Te'eni, Ronit Nevo

PROFESSOR GUGLIELMO CINQUE



Prof. Guglielmo Cinque, Nirit and Michael Shaoul fellow 2015/2016, was educated in Venice and at the University of Padua, where he graduated in History of the Italian Language in 1971. He also obtained an MA in Linguistics from the University of California at Berkeley. From 1975 he teaches at the University of Venice, first as Associate Professor and then as Full Professor from 1981. He has been Chair of the Department of Linguistics (1986/87 – 1996/97 – 2003/08), Director of the Language Center (1989-1995), and Dean of the School of Foreign Languages and Literatures (1999 /2002). He has also held visiting positions at the Universität Wien (1985/86), Université de Genève (1988/89), Harvard University (1998), University of California at Los Angeles (2003), at the Ecole Normale Supérieure, Paris (2008), and the University of Brussels (2011) and at New York University (2014).

Prof. Cinque's research interests are: syntactic theory, Romance linguistics, linguistic typology. He is been "Associate Editor" of *Linguistic Inquiry*, M.I.T. Press, Cambridge, Mass. (from 1978 to 2008) and of *Journal of Linguistics*, Cambridge University Press (from 1994 to 2008); and is currently member of the "Editorial Boards" of *The Linguistic Review*, Foris, Dordrecht (from 1981), *Studia Linguistica*, Blackwell, Oxford (from 1993), *Linguistic Typology* (from 2010), and of the series *Studies in Natural Language and Linguistic Theory*, Springer (from 1987), *Linguistik Aktuell*, Benjamins (from 1988), and *Oxford Surveys in Syntax and Morphology*, Oxford University Press (from 2005).

Prof. Cinque is the author of the following books:

Types of A'-Dependencies. Cambridge (Mass.): MIT Press, 1990

Italian Syntax and Universal Grammar. Cambridge: Cambridge University Press, 1995

Adverbs and Functional Heads. A Cross-linguistic Perspective. New York: Oxford University Press, 1999

Restructuring and Functional Heads. The Cartography of Syntactic Structures, vol.4. New York: Oxford University Press, 2006

The Syntax of Adjectives. A Comparative Study. Cambridge (Mass.): MIT Press, 2010

Typological Studies. Word Order and Relative Clauses. London: Routledge, 2013. (born 1948).

פרופסור גוליאלמו צ'ינקוואה

המחלקה לבלשנות וללימודי תרבות
אוניברסיטת פוסקרי, ונציה, איטליה

Professor Guglielmo Cinque

Department of Linguistic and Cultural Studies
Ca' Foscari University, Venice, Italy

Colloquium | קולוקוויום

"SOURCES OF PARAMETRIC VARIATION ACROSS LANGUAGES"

Subsequent to the macro-parametric approach to language variation in Chomsky's (1981) Government and Binding theory, an influential conjecture concerning parameters is that they can possibly be "restricted to formal features of the lexicon". [The "Borer-Chomsky conjecture"]. In the talk I will discuss two pervasive sources of variation among languages, **lexical underspecification** and **lexical idiosyncrasies in the derivation of canonical word orders**, and consider how they bear on the micro/macro-parametric issue.

The colloquium will be held on Thursday,
2 June 2016, at 16:15,
Room 103, Webb Building,
Tel-Aviv University, Ramat-Aviv

הקולוקוויום יתקיים ביום חמישי,
2 ביוני 2016, בשעה 16:15,
חדר 103, בניין ווב,
אוניברסיטת תל-אביב, רמת-אביב

כיבוד קל יוגש לפני ההרצאה ליד חדר 401 Light refreshments will be served before the lecture in front of room 401

קורס קצר | Mini Course

"THE SYNTAX OF THE EXTENDED PROJECTION OF NP"

The lectures will be held from 12:00 to 14:00
at Tel Aviv University, Ramat Aviv
on the following dates and locations:

ההרצאות תתקיימנה משעה 12:00 עד שעה 14:00,
באוניברסיטת תל-אביב, רמת-אביב
בתאריכים ובמקומות הבאים:

Wednesday	25.5	Gilman 497	יום רביעי	25.5	חדר 497 גילמן
Sunday	29.5	Webb 501	יום ראשון	29.5	חדר 501 ווב
Monday	30.5	Dan David 102	יום שני	30.5	חדר 102 דן-דוד
Tuesday	31.5	Webb 401	יום שלישי	31.5	חדר 401 ווב
Wednesday	1.6	Gilman 497	יום רביעי	1.6	חדר 497 גילמן
Thursday	2.6	Rosenberg 102	יום חמישי	2.6	חדר 102 רוזנברג



Prof. Tal Siloni, Prof. Guglielmo Cinque, Prof. Outi Bat-El,
Prof. Julia Horvath and Dr. Roni Katzir



Prof. Guglielmo Cinque at one of his lectures

TEL AVIV UNIVERSITY

THE LESTER AND SALLY ENTIN
FACULTY OF HUMANITIES
DEPARTMENT OF LINGUISTICS



אוניברסיטת תל-אביב

הפקולטה למדעי הרוח
ע"ש לסטר וסאלי אנטין
החוג לבלשנות

SCIENTIFIC REPORT – Prof. Guglielmo Cinque (University of Venice), a Nirit and Michael Shaoul Fellow for the academic year 2015/2016

Prof. Guglielmo Cinque, Professor of Linguistics at the University of Venice, arrived in Israel as a Nirit and Michael Shaoul Fellow at the IAS of Tel-Aviv University on May 24 and departed on June 4, 2016. During his stay in Tel Aviv, he carried out the following activities:

[1] He taught a mini-course for graduate students ‘The syntax of the extended projection of NP’, which consisted of 12 hours distributed over the following 6 days: May 25, May 29, May 30, May 31, June 1 and June 2. The meetings consisted of 2 hours per day, and took place from 12:00 to 2:00 p.m. The participants were graduate students at Tel-Aviv University and also students of the Hebrew University (the latter students of the joint Ph.D. program of TAU and the HU), the lectures being broadcast live to Jerusalem, and both batches of students being able to ask questions of clarification both during and after the lectures.

The content of the mini-course included key aspects of Cinque's research over the last twenty years or so, and while belonging to the general generative orientation initiated by Noam Chomsky in 1957, with which the students were familiar, it adopted a non-conventional approach to typology, which involved theoretical assumptions with which the students were less familiar, and thus gave them ample opportunity to enlarge and enrich their theoretical horizons. In a nut-shell, Cinque's original approach is to try to account for cross-linguistic variation in word order found within a variety of constructions by starting from single ideal nuclei relevant to all languages, and by accounting for deviations from the ideal by means of motivated operations capable of predicting: (i) the kind of deviations that are attested, (ii) the relative frequency of the attested types of deviation, and (iii) most importantly, what kind of deviations are in principle excluded, and thus, unattested. The nuclei that were examined consisted primarily of representations mapping out universal nominal structures, and proper subparts of such representations served as bases for deriving the typology of specific constructions, such as adjectival modifiers of nouns and relative clauses.

The six lectures were concerned with: (i) a cartography of functional categories as a basis for accounting for word order typology, (ii) left-right asymmetries in the ordering of specific types of elements, (iii) a syntactically unified account of relative clauses in the languages of the world, (iv) a syntactic characterization of the distribution of semantic sub-types of adjectives, (v) a detailed cartography of nominal phrases, and (vi) ellipsis within nominal phrases.

[2] He delivered a two-hour lecture within the framework of the interdisciplinary colloquium series run by the Department of Linguistics on June 2. His lecture, titled ‘Sources of Parametric Variation Across Languages’ focused on attested instances of variations in head – complement/modifier order, and explored the possibility of accounting for all cross-linguistic variation by confining them to properties of the lexical inventory.

TEL AVIV UNIVERSITY

THE LESTER AND SALLY ENTIN
FACULTY OF HUMANITIES
DEPARTMENT OF LINGUISTICS



אוניברסיטת תל-אביב

הפקולטה למדעי הרוח
ע"ש לסטר וסאלי אנטין
החוג לבלשנות

[3] He held a number of individual meetings with faculty members of our department specializing in syntax (in particular, Prof. Julia Horvath, Prof. Tal Siloni, Prof. Alexander Grosu, and Dr. Roni Katzir), during which aspects of his current research were debated and discussed.

In the name of the Department of Linguistics, we would like to express our deep appreciation and gratitude to the donors, Dr. Michael Shaoul and Dr. Nirit Weiss, for making this important scientific interaction possible. We would also like to thank the Institute for Advance Studies for its hospitality, and specifically Ms. Ronit Nevo for the efficient and gracious job of organizing and hosting the visit.

Sincerely,

A handwritten signature in blue ink, appearing to read "Julia Horvath".

Prof. Julia Horvath

Department of Linguistics

A handwritten signature in blue ink, appearing to read "Alex Grosu".

Prof. Alexander Grosu

Department of Linguistics

PROFESSOR KARL LINDEN



Prof. Karl G. Linden, Nirit and Michael Shaoul fellow 2015/2016, is a Professor of Environmental Engineering and the Mortenson Professor in Sustainable Development at the University of Colorado Boulder, USA. He has a BS from Cornell University in Agricultural and Biological Engineering and an MS and PhD from University of California at Davis in Environmental Engineering. He teaches classes on UV Processes in Environmental Systems, Sustainable Water Reuse, and Water Sanitation and Hygiene.

Prof. Linden's research has investigated novel water and wastewater treatment systems, including advanced and innovative UV systems; the efficacy of UV and ozone disinfection for inactivation of pathogens; and the use of UV and advanced oxidation processes for the degradation of organic and other emerging contaminants in water and wastewater.

Prof. Linden is an associate editor of Journal of the American Water Works Association, serves as Trustee of the Water Science and Research Division of the AWWA, and is 2013-2016 President of the International Ultraviolet Association (IUVA). He was named a 2013-2014 Fellow of the Australian Water Recycling Centre of Excellence, received the 2013 Pioneer Award in Disinfection and Public Health from the Water Environment Federation and was the WateReuse Association's 2014 WateReuse Person of the Year. Professor Linden Co-Directs the Mortenson Center in Engineering for Developing Communities at CU Boulder.

A Special Symposium

Water Reuse in Israel: Where We Are? Where Can We Go?



Water Research Center
Tel Aviv University

This Symposium will focus on what we know, what we don't know, and what is left to do for advancing wastewater recycling in Israel. Anyone with an interest in water sustainability in Israel is invited to attend. The event is free.

Monday, July 11, Porter School of Environmental Studies, Tel Aviv University
9:45-17:00, Registration (Free) 9:15

Professor Benny Chefetz, Rehovot, HUJI

פרופסור בני חפץ, הפקולטה לחקלאות ברחובות
של האוניברסיטה העברית

WASTEWATER REUSE IN AGRICULTURE

Professor Abid Nasser, Water Quality Research Lab.,
Ministry of Health

פרופסור עבד נאסר, המעבדה לחקר איכות המים, משרד הבריאות

PATHOGENS OF CONCERN IN REUSE

Professor Dror Avisar, Head of the Water Research Center &
Head of the Hydrochemistry Lab., Tel Aviv University

פרופסור דרור אבישר, ראש המרכז לחקר המים וראש המעבדה
להידרוכימיה, אוניברסיטת תל-אביב

SOURCE CONTROL OF EMERGING CONTAMINANTS IN REUSE

Professor Hassan Azaizeh, Galilee Society & Head dept.
Environmental Sciences, Tel-Hai College

פרופסור חסן עזאיזה, אגודת הגליל וראש החוג למדעי הסביבה
במכללת תל חי

NATURAL SYSTEMS FOR WASTEWATER REUSE

Ronen Shechter, Emefcy - Energy-Efficient Wastewater
Treatment Solutions

רון שכטר, Emefcy - פתרונות יעילים אנרגטית לטיפול בשפכים

RESOURCE RECOVERY IN REUSE: ENERGY FROM WASTEWATER

Professor Karl Linden, Professor of Environmental
Engineering University of Colorado, Boulder, USA;
Nirit and Michael Shaoul Fellow 2015/2016

פרופסור קרל לינדן, פרופסור להנדסה סביבתית,
אוניברסיטת קולורדו, בולדר, ארה"ב;
עמית קרן נירית ומיכאל שאול 2015/2016

UV TREATMENT PROCESSES FOR DIRECT POTABLE REUSE

Dr. Anat Lakretz Mashiah, Process Engineer,
Desalination Division, Mekorot

ד"ר ענת לקרץ משיח, מהנדסת תהליך, יחידת התפלה, מקורות

MEMBRANE TREATMENT FOR ADVANCING WATER REUSE IN ISRAEL

Professor Hadas Mamane, Head of Water-Tech laboratory,
Faculty of Engineering, Tel Aviv University

פרופסור הדס ממן, ראשת המעבדה לטכנולוגיות מים,
פקולטה להנדסה, אוניברסיטת תל-אביב

ADVANCED TREATMENT FOR EXPANDING REUSE OPPORTUNITIES

David Weinberg, national planning and treated-effluent
engineer, Health Ministry

דוד ויינברג, מהנדס ארצי לתכנון וקולחין,
המחלקה לבריאות הסביבה, משרד הבריאות

HEALTH GUIDELINES AND REGULATIONS FOR REUSE

Avi Aharoni, Head of Effluent Reuse Dept., Mekorot

אבי אהרוני, מנהל מחלקת שפכים והשבת קולחין, מקורות

GREEN TECHNOLOGIES FOR PRODUCING POTABLE WATER

Poster session: Latest Research on Water Reuse in Israel

Panel: Opportunities and challenges for advances in water reuse in Israel: What are the important and emerging issues? Is the problem solved? Should the government be investing more?



Prof. Karl Linden and Prof. Hadas Mamane



Prof. Karl Linden at his lecture

September 12 2016

Visit of Prof. Karl G. Linden
Professor of Environmental Engineering
Mortenson Professor in Sustainable Development, Environmental Engineering
University of Colorado Boulder, Boulder, CO

Nirit and Michael Shaoul Fellow, 2015-16

Report by Prof. Hadas Mamane
School of Mechanical Engineering

Prof. Karl G. Linden, co-director of the Mortenson Professor in Sustainable Development at the University of Colorado Boulder, and Sackler Lecturer for 2015-2016 arrived at Tel Aviv University on June 14, 2016 and left on August 04, 2016. His visit was dedicated to intensive meetings with researchers and students from the Faculty of Engineering, at TAU. Prof. Linden is a cutting edge researcher working on UV disinfection for treating water, developing UV-LED technologies, expert on the challenges for disinfection strategies, working on reuse technologies and public health. Prof. Linden hosted my Water-Tech research lab; we had many scientific discussions with my students, discussed grants and set joint research goals. During the course of his visit, Prof. Linden gave numerous lectures, both in our research group, seminars (at TAU and other campuses), he lectured at the conference of the Israel Society of Ecology & Environmental Sciences (21-23 July) and organized a full-day symposium on water reuse that was hosted at TAU. The symposium lecture on water reuse, entitled: "The Role of UV Treatment Processes in Acceptance of Direct Potable Reuse in USA". The conference lecture on wastewater treatment, entitled: "Water sustainability in oil and gas exploration: Treating frack water for reuse".

Researchers (and their groups) who met with Prof. Linden at TAU included: Prof. Dror Avisar and Prof. Avital Gazith. From other universities included: Prof. Eran Friedler and Prof. Robert Armon, Technion; Prof. Chaim Sheindorf, Shenkar; Prof. Abid Nasser, Ministry of health and Prof. Moshe Herzberg, Prof. Jack Gilron, Prof. Amit Gross, Sede Boker. These meetings have yielded a number of future collaborations between Prof. Linden, Tel Aviv University and other researchers.

In summary, this visit was highly successful, and contributed significantly, not only from the scientific point of view, but also in strengthening the connections between Tel Aviv University and an internationally recognized leader scientist. Prof. Linden was accompanied by his daughter (came through Masa), enjoyed very much his visit in Israel. We had meetings with my family, dinner meetings with my research group and colleagues and traveled around Israel.

My faculty and I would like to express our deep appreciation and gratitude to the donors, Dr. Michael Shaoul and Dr. Nirit Weiss, for making this important scientific interaction possible. We would also like to thank the Institute for Advanced Studies for its hospitality, and especially Ms. Ronit Nevo for the efficient and gracious job of organizing and hosting the visit.

Respectfully,

Prof. Hadas Mamane,





University
of Colorado
Boulder

Karl G. Linden, Ph.D., BCEEM

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Mortenson Professor in Sustainable Development
Co-Director Mortenson Center in Engineering for Developing Communities
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July 12, 2016

Re: Water Reuse Symposium at TAU - Thank You

Dear Benny, Avi, Hassan, David, Dror, Hadas, Abid, Anat, Lotan, and Avital

Thank you all for taking time out of your busy days to travel, attend and present your knowledge at the Symposium on Water Reuse in Israel yesterday. I had an amazing time and thought that the day went very very well, both in logistics and in the quality of the presentations and the discussions that ensued during the talks, the panel and in the breaks. I look forward to working with Hadas and developing a review of the symposium with some of the major points summarized so we can capture this point in the history of water reuse in Israel and share it with others who were not able to attend. We will be sure to share this with you and may call on some of you to help clarify some ideas during the writing.

I do want to give a huge thank you to Hadas and her team of supporters (students and staff) for working behind the scenes to make sure the logistics and food were well organized. As you know Hadas works very passionately on things she cares about and she really went to the extra level for this event. Also to thank The TAU Water Research Center for sponsoring the event. A big thanks also to Ronit Nevo and her team from the Shaoul Fellowship office for the support and sponsorship of the event, including the layout of the poster and promotion.

Most of all to thank you for sharing your thoughts and knowledge during the day. It was a very impressive line up of speakers and it was all pulled off within just a few weeks. At the peak of the event we had over 120 people present, which is greater than we expected. Lastly, thank you for indulging me in having the whole forum in English! I know I and a few others in the audience appreciated that. I hope we can do it again in a few years.

Thank you and Best Regards,

Karl Linden, Ph.D.,
Mortenson Professor in Sustainable Development
Nirit and Michael Shaoul Fellow 2015-6, Tel Aviv University

