

**The Mortimer and Raymond  
Sackler  
Institute of Advanced Studies**

**Annual Album**

**2019/2020**

**2020/2021**

**2021/2022**



The Mortimer and Raymond Sackler  
Institute of Advanced Studies

המכון ללימודים מתקדמים  
ע"ש מורטימר וריימונד סאקלר

Professor Marek Karliner, Director

פרופסור מרק קרלינר, מנהל

23 July 2023  
MK-9020

Sackler Family  
One Stamford Forum  
Stamford, Connecticut 06901-3431  
U.S.A.

Dear Sackler Family,

I am delighted to present you with the annual album of the Mortimer and Raymond Sackler Institute of Advanced Studies for the academic years 2019/20, 2020/21 and 2021/22. In the midst of the academic year 2019/2020, we started to face the challenges that the coronavirus posed. We were delighted that some of our guests could physically come. Others had to postpone their arrival, nevertheless part of them chose to give lectures on Zoom, prior to their visit.

We hosted several distinguished guests, leaders in their field:

<b>Alberto Kornblihtt</b>	University of Buenos Aires and CONICET, Argentina
<b>Wolfgang Lohmann</b>	Brandenburg University of Technology and RWTH Aachen University, Germany
<b>Stephen Harrison</b>	Corpus Christi College, University of Oxford, UK
<b>Andrew Ewald</b>	Johns Hopkins University, USA
<b>Elijah Millgram</b>	University of Utah, USA
<b>Susan Davidson</b>	University of Pennsylvania, USA
<b>Glenn Most</b>	University of Chicago, USA
<b>Yuval Grossman</b>	Cornell University, USA
<b>Mario Feldman</b>	Washington University School of Medicine St. Louis, USA
<b>Martin Yarmush</b>	Rutgers - The University of New Jersey and Harvard Medical School, USA
<b>Ralph Etienne-Cummings</b>	Johns Hopkins University, USA
<b>Francesco Bullo</b>	UC Santa Barbara, USA
<b>Natalie Sims</b>	University of Melbourne, Australia
<b>Yaacob Dweck</b>	Princeton University, USA
<b>Alexander Logunov</b>	Princeton University, USA (IAS Outstanding Junior Fellow)

I would like to thank you again for your continuing support which enables us to bring these prominent scholars to TAU and strengthen our international connections and collaborations with the top-tier intellectuals and Universities of our time.

Sincerely,  
*Marek Karliner*  
Prof. Marek Karliner

Director, Mortimer and Raymond Sackler Institute of Advanced Studies

cc: Research authorities  
Ms. Ronit Nevo, Administrative Director, IAS  
Encl.



**THE MORTIMER AND RAYMOND SACKLER  
INSTITUTE OF ADVANCED STUDIES**

**Academic Year 2019 – 2020**

Professor Alberto Kornblihtt	October 2019
Professor Wolfgang Lohmann	October – November 2019
Professor Stephen Harrison	December 2019
Professor Andrew Ewald, Zoom lecture	June 2020
Professor Natalie Sims, Zoom lecture	July 2020

**Academic Year 2020 – 2021**

Professor Elijah Millgram	May – June, 2021
Professor Alexander Logunov <b>IAS Outstanding Junior Fellow</b>	October – December 2020

**Academic Year 2021 – 2022**

Professor Susan Davidson	October – December 2021
Professor Glenn Most, Zoom lecture	December 2021
Professor Yuval Grossman	March - June 2022
Professor Mario Feldman	March 2022
Professor Martin Yarmush	April - June 2022
Professor Ralph Etienne-Cummings, Zoom lecture	May 2022
Professor Francesco Bullo	May 2022
Professor Natalie Sims	May 2022
Professor Yaacob Dweck	May – June 2022

## PROFESSOR ALBERTO KORNBLIHTT



Prof. Alberto Kornblihtt, Sackler Fellow 2019/2020, is a plenary professor at the Department of Physiology, Molecular and Cell Biology at the University of Buenos Aires (UBA), Argentina. Additionally, he is the director of the Institute of Physiology, Molecular Biology and Neurosciences of the National Research Council (IFIBYNE-UBA-CONICET), Argentina.

Prof. Kornblihtt obtained a Ph.D. in Biochemistry at the University of Buenos Aires (UBA), Argentina, at the Campomar Foundation, supervised by Héctor Torres, and completed his post-doctoral training at the Sir William Dunn School of Pathology in Oxford, UK, with Tito Baralle, where he cloned the human fibronectin gene and found its alternative splicing. He was an International Research Scholar of the Howard Hughes Medical Institute (2002-2017).

Prof. Kornblihtt is a foreign associate of the National Academy of Sciences (USA), a member of EMBO (European Molecular Biology Organization), a member of the Argentine National Academy of Exact, Physical and Natural Sciences and of the Latin American Academy of Sciences. He was nominated chair of the *Fundación Antorchas* (2000-2008), acted as the president of the Argentine Society of Research in Biochemistry and Molecular Biology (2010–2011), and served as a member of the National Committee on Ethics in Science and Technology of Argentina.

Prof. Kornblihtt is a recipient of various awards including: The Guggenheim fellowship (1991), the Konex Platinum Award (2003, 2013), the Bicentennial Medal (2010), the Houssay Achieving Award in Chemistry, Biochemistry and Molecular Biology (2010), the prize Investigator of the Nation (2010), the Honorary Mention in the Argentinian Senate (2011), the TWAS prize in Medical Sciences (2012) and the Diamond Konex award as the most relevant scientist of the decade of his country (2013).

Prof. Kornblihtt is an editor-in-chief of the journal *Transcription*. He was also part of the Board of Reviewing Editors of the *Science* journal (2002-2017). Prof. Kornblihtt is the author of over 100 papers published in international journals, his articles were cited more than 12,000 times. He supervised over 20 Ph.D. theses, and lectured in numerous conferences and seminars as well as organized international scientific meetings, such as the CSHL meeting on mRNA processing in 2017, 2019 and 2021.

The central theme of his research is the mechanisms of post-transcriptional modifications of ribonucleic acid (RNA) known as alternative splicing, by which the same gene can code for more than one protein.





## פרופסור אלברטו קורנבליט

המחלקה לביולוגיה תאית ומולקולרית  
אוניברסיטת בואנוס איירס, ארגנטינה

### Professor Alberto Kornblihtt

Department of Molecular and Cell Biology  
University of Buenos Aires and CONICET, Argentina

Lecture | הרצאה

## CROSTALK BETWEEN TRANSCRIPTION AND RNA PROCESSING

The Lecture will be held on Thursday,  
24 October 2019, at 09:15,  
Lola Hall, Sackler School of Medicine  
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום חמישי,  
24 באוקטובר 2019 בשעה 09:15,  
אולם לולה, הפקולטה לרפואה ע"ש סאקלר  
אוניברסיטת תל-אביב, רמת-אביב

seminar | סמינר

## COUPLING OF TRANSCRIPTION AND ALTERNATIVE SPLICING IN DIFFERENT ORGANISMS: FROM PHYSIOLOGY TO THERAPY

The Seminar will be held on Monday,  
28 October 2019, at 13:00,  
Hall 120, Sackler School of Medicine  
Tel Aviv University, Ramat-Aviv

הסמינר יתקיים ביום שני,  
28 באוקטובר 2019 בשעה 13:00,  
אולם 120, הפקולטה לרפואה ע"ש סאקלר  
אוניברסיטת תל-אביב, רמת-אביב



Prof. Gil Ast and Prof. Alberto Kornblihtt



Prof. Alberto Kornblihtt at his lecture





**Sackler Faculty  
of Medicine**  
Tel Aviv University

Dept. of Human Molecular Genetics and Biochemistry

חוג לגנטיקה מולקולרית של האדם ולביוכימיה

Prof. Gil Ast, Ph.D.  
Department of Human Molecular Genetics and Biochemistry  
Tel Aviv University Medical School  
Tel Aviv 69978, Israel  
Tel: +972-3-640 6893  
Fax: +972-3-640 5168  
email: [gilast@post.tau.ac.il](mailto:gilast@post.tau.ac.il)  
<http://www.tau.ac.il/~gilast/>

פרופ' גיל אסט

January 2, 2020

Professor Marek Karliner, Director  
The Mortimer and Raymond Sackler Institute of Advanced Studies  
Tel Aviv University  
Tel Aviv, Israel

**Prof.– Alberto Kornblihtt Summary of visit:**

Prof. Alberto Kornblihtt visited Tel Aviv University as a Sackler Lecturer from October 23, 2019 until October 29, 2019. On October 24, Prof. Kornblihtt was the keynote speaker at the 2019 RNA Biology meeting that was at Tel Aviv University and attracted over 250 participants. The title of his talk was "Crosstalk between transcription and RNA processing". On October 27, Prof. Kornblihtt was an official guest of the Human Molecular Genetics and Biochemistry department where he met students and group leaders. On October 28 he gave the opening seminar of the 2019-20 Human Genetics and Biochemistry Department. The seminar attracted about 100 students and group leaders from the life science faculty and the school of medicine. The title of the talk was "Coupling of transcription and alternative splicing in different organisms: from physiology to therapy". During this day-long visit he also met students and group leaders and learned about their studies and research. As an internationally top leading scientist, Prof. Kornblihtt's visit to Tel Aviv University has been an inspiration for students and faculty members alike.

Yours

Prof. Gil Ast.

## PROFESSOR WOLFGANG LOHMANN



Prof. Wolfgang Lohmann, Sackler Fellow 2019/2020, is a professor of Physics at the Brandenburg University of Technology Cottbus–Senftenberg, Cottbus, Germany and at RWTH Aachen University, Aachen, Germany. He is also a scientist at the Deutsches Elektronen-Synchrotron (DESY), Zeuthen, Germany, the national German research center that operates particle accelerators.

Prof. Lohmann graduated from the Humboldt University of Berlin, Germany, with a Diploma in Physics (1973) for a study on data recorded by a 2m bubble chamber at CERN, and a Ph.D. in Physics (1976) supervised by Karl Lanus. Following graduation, he participated in bubble chamber experiments at the accelerator U70 in Serpukhov, Russia (1978), and in a streamer chamber experiment (RISK) at the Serpukhov accelerator, Russia (1978-1982). He was then appointed senior scientist at the Laboratory for High Energies of the Joint Institute for Nuclear Research (JINR), Dubna, Russia (1982-1986), and collaborated with the BCDMS experiment at CERN. In 1986, he was appointed physicist at the Institute for High-Energy Physics, Zeuthen, Germany, on leave at ETH Zurich, Switzerland and CERN, Geneva, Switzerland (1986-1989), where he joined the R&D programme for the tracking detector of the L3 experiment at Large Electron-Positron (LEP) collider and participated in several test-beam campaigns to quantify the performance of the detectors. In 1989, he was hired by DESY, the national research center in Germany that operates particle accelerators, and by CERN as a collaborator of the L3 experiment at LEP (1989-2001). During this period, he was appointed group leader in DESY (1991-1999), leader of the Tau Physics Analysis Group of the L3 Experiment at CERN (1995-2001), member of the L3 publication committee, and he represented the L3 experiment in the LEPC, the LEP experiments Committee, (1997-2001). In 2001, he was appointed staff scientist at DESY (2001-2014). Since 2009, he serves as a professor of Physics at the Brandenburg University of Technology Cottbus–Senftenberg, Cottbus, Germany. In 2015, he was also appointed professor of Physics at RWTH Aachen University, Aachen, Germany.

Since 2006, Prof. Lohmann is a spokesperson for the international FCAL (Forward Calorimeter) collaboration. The FCAL collaboration is involved in the development of new sensors for detectors at future electron-positron colliders like the International Linear Collider ILC. Since 2007, he is a Member of the CMS experiment at CERN, and coordinates the activities of DESY Zeuthen within CMS. In 2014, he served as a CERN Associate Commissioning of the Beam Radiation Instrumentation and Luminosity (BRIL) systems in CMS (2014-2015). He was responsible for the construction, installation and commissioning of a BCMIF-like system for beam loss monitoring at the Large Hadron Collider, contributed to beam-halo monitors FLASH and XFEL at DESY, upgraded the BCM system in CMS during LS1 and to the physics analysis of CMS in the search for Higgs bosons (2011-2014). He also represented DESY and participated in the European Marie-Curie project MC-PAD – Particle Detectors in Physics Experiments (2009-2012). Prof. Lohmann was also a Member of the ZEUS experiment at the Hadron Elektron Ring Anlage particle accelerator (HERA) at DESY, Hamburg, Germany, and a spokesperson of the BMBF-JINR detector R&D program. As an active member of the CMS, FCAL, L3 and ZEUS collaborations, Prof. Lohmann signed 490 papers since 2013.





## פרופסור וולפגנג לוהמן

אוניברסיטת ברנדנבורג לטכנולוגיה, קוטבוס  
ואוניברסיטת אאכן, גרמניה

### Professor Wolfgang Lohmann

Brandenburg University of Technology, Cottbus  
and RWTH Aachen University, Germany

קולוקוויום | Colloquium

## PRINCIPLES AND MODERN TECHNOLOGIES OF PARTICLE DETECTORS

The Colloquium will be held on Sunday,  
10 November 2019, at 14:00,  
Melamed Hall (6), Shenkar Physics building  
Tel Aviv University, Ramat-Aviv

הקולוקוויום יתקיים ביום ראשון,  
28 בנובמבר 2019 בשעה 14:00,  
אולם מלמד (6), בניין שנקר לפיזיקה,  
אוניברסיטת תל-אביב, רמת-אביב

סמינר | seminar

## RADIATION DETECTORS AT HIGH ENERGIES

The Seminar will be held twice a week,  
from 29 October to 28 November 2019,  
Tuesdays 18:00 – 20:00  
and Thursdays 10:00 – 12:00  
Melamed Hall (6), Shenkar Physics building  
Tel Aviv University, Ramat-Aviv

הסמינר יתקיים פעמיים בשבוע, בין התאריכים  
29 באוקטובר עד 28 בנובמבר 2019  
בימי שלישי 18:00 - 20:00  
ובימי חמישי 10:00 - 12:00  
אולם מלמד (6), בניין שנקר לפיזיקה,  
אוניברסיטת תל-אביב, רמת-אביב

כיבוד קל יוגש לפני הקולוקוויום | Light refreshments will be served before the Colloquium



Prof. Aharon Levy, Prof. Halina Abramowicz, Prof. Wolfgang Lohmann and Prof. Marek Karliner



Prof. Wolfgang Lohmann at his lecture





School of Physics and Astronomy בית הספר לפיזיקה ולאסטרונומיה  
The Raymond and Beverly Sackler הפקולטה למדעים מדויקים  
Faculty of Exact Sciences עיש ריימונד ובברלי סאקלר  
Tel Aviv University אוניברסיטת תל אביב

December 25, 2019

Prof. Marek Karliner & Mrs Ronit Nevo  
The Mortimer & Raymond Sackler Institute of Advanced Studies  
Tel Aviv University

Dear Marek, dear Ronit,

**Re: Report on the visit of Prof. Wolfgang Lohmann**

Prof Lohmann was invited to Tel Aviv University as a Sackler Fellow in the Mortimer and Raymond Sackler Institute of Advanced Studies. He stayed at the University from July to November 2019. His visit was most helpful to our experimental particle physics group, to the Particle Physics Department and to the whole School of Physics. For our group his visit came in a critical time. Since I have been elected by the CERN Council to chair the European strategy update for particle physics in Europe, my hands are full with this activity while Prof Levy, who usually helps out with the group activities in such cases, was ill and needed hospitalisation. We had two students from Kiev which came for three months each to get us ready with our silicon-tungsten calorimeter for a beam test in November at DESY-Hamburg and Prof. Lohmann took over their day to day supervision. The presence of Prof Lohmann was most helpful in this sense. In addition, Prof. Lohmann, who is an internationally known expert on radiation detectors, gave a colloquium to the whole School as well as a series of 20 lectures on detectors which students could take for credit. The lectures were very well delivered and on average attended by about 15 students and at times by up to 10 senior particle physicists.

In summary, it is a great pleasure to thank the donors, Mortimer and Raymond Sackler and the Institute of Advanced Studies (IAS) for making this visit possible. I would like to acknowledge in particular the hospitality of the IAS. The fact that they provided Prof Lohmann with accommodation in the academic hostel nearby the University made the whole arrangement of the visit most efficient for him and for us.

Sincerely yours,

Halina Abramowicz,

Professor of Physics,

Nathan Cummings Chair of Experimental Particle Physics

## PROFESSOR STEPHEN HARRISON



Prof. Stephen Harrison, Sackler Lecturer 2019/2020, is a professor of Latin Literature, a Charles Oldham fellow and a tutor in Latin at Corpus Christi College, the University of Oxford and Mynors, UK.

Prof. Harrison has been teaching at Corpus Christi College since 1987, with courses on Latin literature as well as courses on Latin and Greek languages. Amongst his administrative positions at Oxford University, he has been the director of Graduate Studies for Classical Languages and Literature (2006-2009), chair of the University's Graduate Admissions Committee (2011-2014) and a senior tutor (1998-2001) and vice-president (2012-2014) of Corpus Christi College.

Prof. Harrison also holds an Extraordinary Professor position at the University of Stellenbosch, South Africa and additional adjunct professor positions at the University of Copenhagen, Denmark, and the Norwegian University of Science and Technology (Trondheim), Norway. Previously he has held visiting positions at Stanford University, USA, the University of Bergen, Norway, and the University of Otago, New Zealand, and has been a member of the Institute for Advanced Study in Princeton, USA.

Prof. Harrison has written books on Virgil, Horace and Apuleius, and has edited, co-edited and co-authored more than twenty books on literary theory, Latin literature and the reception of classical literature. He is currently the Classics Delegate (board member) at Oxford University Press, serves on the advisory boards for De Gruyter's Trends in Classics series and for Bloomsbury's new Neo-Latin series, and on many advisory/editorial boards for journals over four continents.

Prof. Harrison was awarded a Leverhulme Major Research Fellowship (2017-2020). He has presented lectures on classical studies all over the world and this is his second visit to Tel-Aviv University.

Prof. Harrison specializes in the poetry of Virgil and Horace, the Roman novel and the reception of classical literature.





## פרופסור סטפן האריסון

ספרות לטינית, קולג' קורפוס קריסטי  
אוניברסיטת אוקספורד, אוקספורד, אנגליה

### Professor Stephen Harrison

Latin Literature, Corpus Christi College  
University of Oxford, Oxford, England

Lecture | הרצאה

## AN ISSUE OF GENRE AND FORM IN ROMAN LITERATURE: EXPANDED EPIGRAM IN PROPERTIUS AND HORACE

The Lecture will be held on Monday  
9 December 2019, at 18:00  
Room 281, Gilman Building  
Tel Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני  
9 בדצמבר 2019, בשעה 18:00  
בחדר 281, בניין גילמן  
אוניברסיטת תל-אביב, רמת אביב

Classics Departmental Seminar | הסמינר המחלקתי של החוג ללימודים קלאסיים

## THE CLADES LOLLIANA AND THE CLADES VARIANA LITERARY MEMORIES OF TWO ROMAN MILITARY DISASTERS

The Seminar will be held on Wednesday  
18 December 2019, at 18:15  
Room 262, Gilman Building  
Tel Aviv University, Ramat-Aviv

הסמינר יתקיים ביום רביעי  
18 בדצמבר 2019, בשעה 18:15  
באולם 262, בניין גילמן  
אוניברסיטת תל-אביב, רמת אביב

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



Prof. Orna Harari, Prof. Stephen Harrison and Prof. Jonathan Price



Prof. Stephen Harrison at his lecture



THE LESTER AND SALLY ENTIN  
FACULTY OF HUMANITIES  
THE HISTORY DEPARTMENT



הפקולטה למדעי הרוח  
ע"ש לסטר וסאלי אנטין  
החוג להיסטוריה כללית

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

29 December 2019

Dear Professor Karliner,

This month, Professor Stephen Harrison, Professor of Latin in Corpus Christi College in the University of Oxford, has completed a two-week stay in Tel Aviv as a Sackler Lecturer. It was a successful visit from our point of view and also his. He and his wife were exceptionally appreciative of the invitation, the settings of his lectures, the rich resources in ancient history in Israel, the historical and archaeological treasures here, and overall the generous hosting afforded by Tel Aviv University. As we bid them farewell, they expressed their desire to come back for a more extended stay.

As a Sackler Lecturer, Professor Harrison delivered two fine lectures, the first on 9 December, titled "An Issue of Genre and Form in Roman Literature: Expanded Epigram in Propertius and Horace", which was a fascinating (and quite original) demonstration of the inventive and effective/affective bending of literary genre in two of Rome's greatest poets.

The second lecture was given 18 December in the context of the departmental seminar of the Classics Department. The talk was on "The *clades Lolliana* and the *clades Variana*: Literary Memories of Two Roman Military Disasters", another equally fascinating piece of scholarship made accessible to a general audience of lecturers, students and guests from outside campus; in this talk, Professor Harrison, in a rich collection of texts and stimulating commentary, revealed the how the memory of actual military disasters was preserved as literary monuments whose effect was to mitigate the seriousness and actual consequences of the disasters, which the Romans' self-image could not admit. Our graduate students especially benefitted from Professor Harrison's visit, particularly those who are writing on topics involving Latin literature: they presented their research and ideas to him, he listened sympathetically and offered insights and advice.

Professor Harrison also met colleagues in other universities in Israel, visited several archaeological sites, became familiar with our libraries and other collections, and proclaimed that his visit had been productive and illuminating.

The sponsors of this fellowship have the gratitude of both Professor Stephen Harrison and his many colleagues in Israel who benefited from his visit.

Respectfully,

Jonathan Price  
Fred and Helen Lessing Professor of Ancient History



Prof. Orna Harari  
Chair of the Department of Classics





## PROFESSOR ANDREW EWALD



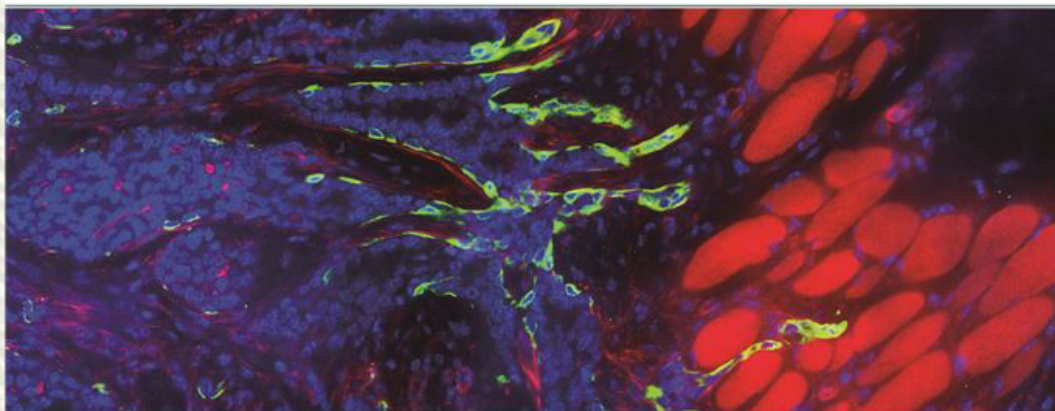
Prof. Andrew Ewald, Sackler Lecturer 2019/2020, is a professor of Cell Biology and the director of the Department of Cell Biology, a professor in the Department of Oncology, a professor in the Department of Biomedical Engineering and a co-leader in the Cancer Invasion and Metastasis Program (CIM) at The Johns Hopkins University School of Medicine, Baltimore, Maryland, USA.

Prof. Ewald earned his B.S. in Physics (with honors, 1997) from Haverford College, Haverford, Pennsylvania, USA, and his Ph.D. in Biochemistry and Molecular Biophysics (2003) from the California Institute of Technology, Pasadena, California, USA. In 2008, Prof. Ewald joined The Johns Hopkins University School of Medicine, Baltimore, Maryland, USA, as an assistant professor in the department of Cell Biology (2008-2014). Today he serves at the university as a professor of Cell Biology and the director of the Department of Cell Biology, a professor in the Department of Oncology, a professor in the Department of Biomedical Engineering and a co-leader in the Cancer Invasion and Metastasis Program (CIM). At The Johns Hopkins University School of Medicine, he is also a member of the Center for Cell Dynamics (2008-present), the Biochemistry, Cell and Molecular Biology Graduate Program (2008-present) and the Breast and Ovarian Cancer Program of the Sidney Kimmel Comprehensive Cancer Center (2009-present).

Prof. Ewald is a member of the American Association for Cancer Research (2010), the American Association of Anatomists (2010), the Society for Developmental Biology (2001), and the American Society for Cell Biology (2000). Prof. Ewald's work was recognized with several awards and distinctions, among them: the Theresa's Research Foundation Leadership Award (2017); the Metastatic Breast Cancer Network Research Leadership Award (2017); the Johns Hopkins University Provost's Discovery Award (2016); the Metastatic Breast Cancer Network Research Leadership Award: "For expansion of our basic understanding of the biology of metastasis" (2015); the SPIE Systems Biology Pioneer Award: "For development of epithelial organoids as a platform for tissue level systems biology" (2015); the ASCB Share Your Science 1st Place Award (2014); the Web Health Silver Medal for Webcast "Science Out of the Box, Stopping Breast Cancer Leader Cells" (2014); the American Cancer Society Research Scholar Award (2012); the American Association of Anatomists Morphological Sciences Award: "For outstanding contributions to the field of epithelial morphogenesis" (2011); the SKCCC Breast Cancer SPORE Career Development Award (2010).

Prof. Ewald is internationally recognized for his research on the molecular mechanisms of cancer invasion and metastasis and has given over 100 invited talks at conferences and universities. He was an invited speaker at the 2018 Nobel Symposium on Cancer Metastasis in Stockholm, Sweden. His research has been funded by the National Cancer Institute, the National Science Foundation, the Department of Defense, the American Cancer Society, and the Breast Cancer Research Foundation. Prof. Ewald is also the editor of the *Journal of Cell Science* (2015-present).

Prof. Ewald's laboratory seeks to elucidate the molecular regulation of collective cell migration during normal mammary development and during the invasion and metastatic spread of mammary tumors. The laboratory has pioneered the development and analysis of 3D organoid culture assays to model distinct steps in metastasis, including growth, invasion, dissemination, intravasation, and metastatic colony formation. This research has been recognized within JHU by a Provost's Catalyst Award, Provost's Discovery Award, and the Daniel Nathans Scientific Innovator Award.



## פרופסור אנדרו איוולד

המחלקה לביולוגיה של התא, המחלקה לאונקולוגיה  
המחלקה להנדסה ביו-רפואית, אוניברסיטת ג'ונס הופקינס, בולטימור, מרילנד, ארה"ב

### Professor Andrew Ewald

Department of Cell Biology, Department of Oncology  
Department of Biomedical Engineering  
Johns Hopkins University, Baltimore, Maryland, USA

Lecture | הרצאה

## CELLULAR AND MOLECULAR MECHANISMS OF BREAST CANCER METASTASIS

The Lecture will be held on Wednesday  
24 June 2020  
at 04:00 PM Jerusalem

ההרצאה תתקיים ביום רביעי  
24 ביוני 2020  
בשעה 16:00

ההרצאה תועבר בזום

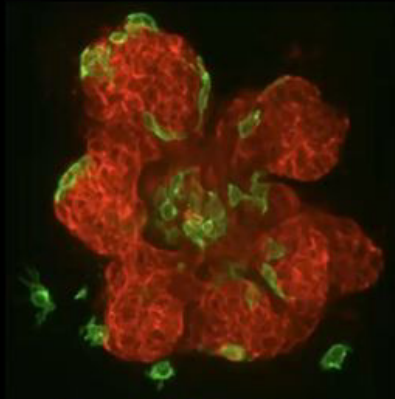
The synchronized remote lecture will be given online using Zoom

Join URL: <https://zoom.us/j/99958249401?pwd=MjZTZGhY-jczZOxYmZTMEo2TVBEZz09>

Meeting ID: 999 5824 9401 | Password: 285347



## of Breast Cancer Metastasis



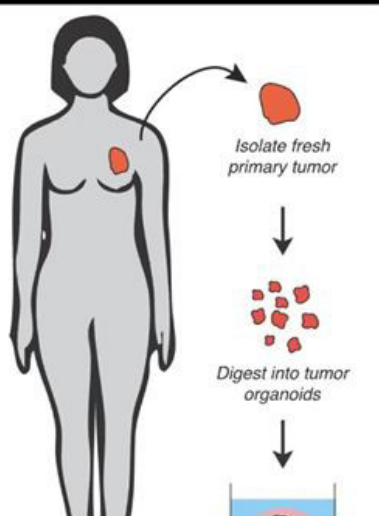
Andrew J. Ewald, Ph.D.

Professor of Cell Biology, Oncology, and Biomedical Engineering  
Co-Director of the Cancer Invasion and Metastasis Program  
Sidney Kimmel Comprehensive Cancer Center



Andrew Ewald delivering his Zoom lecture

## Organoid Assay for Human Breast Cancer Invasion



>100 breast tumors  
explanted into 3D culture

For Details See:  
Nguyen-Ngoc et al, PNAS, 2012  
Cheung et al, Cell 2013



Andrew Ewald at his Zoom lecture

## PROFESSOR NATALIE SIMS



Prof. Natalie A. Sims, Sackler Lecturer 2019/2020, is a deputy director and director of the Bone Cell Biology and Disease Unit at the St. Vincent's Institute of Medical Research, Melbourne, Australia. She serves also as an associate professor and a principal research fellow at the University of Melbourne, in the Department of Medicine at St. Vincent's Hospital, Melbourne, Australia.

Prof. Sims holds a B.Sc. in Physiology (Hons., First Class Honors, 1991) and a Ph.D. in Physiology (1995) from the University of Adelaide, Adelaide, Australia. She continued her postdoctoral studies at the Garvan Institute of Medical Research, Sydney, Australia (1994-1998), and at Yale University School of Medicine, Connecticut, USA (1998-2001). In 2001, she joined the University of Melbourne, in the Department of Medicine at St. Vincent's Hospital, Melbourne, Australia, as an RJ Gleghorn Research Fellow (2001-2002), and where she then served as a National Health and Medical Research Council (NHMRC) RJ Gleghorn Research Fellow (2003-2005), and as an associate professor (2019-present). In 2009, she was appointed director of the Bone Cell Biology and Disease Unit at the St. Vincent's Institute of Medical Research, Melbourne, Australia (2009-present). In 2018, she was appointed deputy director of the St. Vincent's Institute of Medical Research (2018-present). She also served at the NHMRC as a senior research fellow (2006-2017, 2013-2019).

Prof. Sims is a fellow of the American Society of Bone and Mineral Research and the president-elect of Australia and New Zealand Bone and Mineral Society (2017). For her contributions, Prof. Sims received the International Bone and Mineral Society Herbert A Fleisch Award (2013), and the American Society of Bone and Mineral Research Fuller Albright Award (2010).

Prof. Sims has more than 110 original research publications as well as many review articles and book chapters. She is an associate editor of the *Journal of Bone and Mineral Research* (2018-present), an associate editor at *Endocrine Reviews* (2018-2023), and serves on the editorial board of the *Journal of Biological Chemistry* (2016-present).

Prof. Sims's laboratory studies the cellular interactions responsible for the development, maintenance and strength of the skeleton, and has defined the roles of a number of key pathways, including the IL-6 family of cytokines and estrogen receptor isoforms in bone through the use of genetically altered mouse models and in vitro systems.





## פרופסור נטלי סימס

ראש היחידה לביוולוגיה של תאי עצם ומחלות  
סגנית מנהל מכון סנט וינסנט למחקר רפואי  
פרופסור עמית אוניברסיטת מלבורן, אוסטרליה

### Professor Natalie Sims

Unit Head, Bone Cell Biology and Disease Unit  
Deputy Director, St Vincent's Institute of Medical Research  
Professorial Fellow, The University of Melbourne, Australia

הרצאה | Lecture

## BIOMINERALIZATION BY OSTEOCYTES: THE HIDDEN CELLULAR NETWORK OF BONE

The Lecture will be held on Tuesday  
28 July 2020, at 10:00 (Israel)  
17:00 (Victoria, Australia)

ההרצאה תתקיים ביום שלישי  
28 ביולי 2020, בשעה 10:00 (ישראל)  
בשעה 17:00 (ויקטוריה, אוסטרליה)

ההרצאה תועבר בזום

The synchronized remote lecture will be given online using Zoom

Join Zoom Meeting:

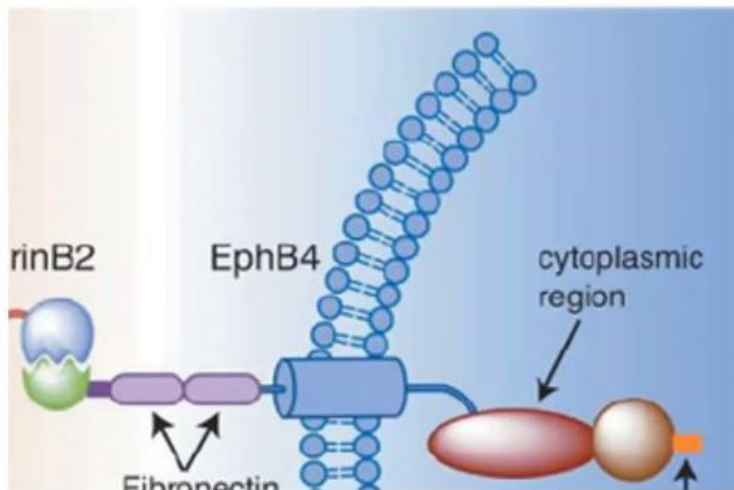
<https://zoom.us/j/2345316037?pwd=SEh1N2VjdEFjZDg5UXU0akRLUFB5dz09>

Meeting ID: 2345316037 | Password: 7684



Prof. Natalie Sims delivering her Zoom lecture

# contact-dependent signalling



Prof. Natalie Sims at her Zoom lecture



## PROFESSOR ELIJAH MILLGRAM



Prof. Elijah Millgram, Sackler Lecturer 2020/2021, is E. E. Ericksen Distinguished Professor of Philosophy in the Department of Philosophy at the University of Utah, Salt Lake City, USA

Prof. Millgram received his Ph.D. in Philosophy from Harvard University and followed on to hold an assistant professor position at Princeton University, New Jersey, USA. He then became an associate professor at Vanderbilt University, Tennessee, USA. Since 1999, he has been an associate professor and then a professor at the University of Utah.

Among Prof. Millgram's honors are the Lady Davis Hebrew University Fellowship, the Guggenheim Fellowship, the Center for Advanced Study in the Behavioral Sciences fellowship and the National Endowment for the Humanities Fellowship.

Prof. Millgram's research focuses on the theory of rationality, theoretical reasoning, and practical reasoning. He has written five books and numerous book chapters and journal articles. His books discuss learning what matters from experience, how to find the right ethical theory, what it takes to think thoughts that are flat-out true, and the philosophical implications of the division of labor. His most recent book is *John Stuart Mill and the Meaning of Life*. He is currently working on a book on Nietzsche.



Gabriele Juven, [http://juven.del@juven.gabriele](mailto:http://juven.del@juven.gabriele)

## פרופסור אליהו מילגרם

המחלקה לפילוסופיה, אוניברסיטת יוטה  
סולט לייק סיטי, ארה"ב

### Professor Elijah Millgram

Philosophy Department, University of Utah  
Salt Lake City, USA

Lecture | הרצאה

## TBA

Abstract

Almost all of our reasoning is *defeasible*: that is, our inferences go through only other things equal, and there are always more of them -- the list of things that might go wrong is open-ended, and doesn't run out. Most work on defeasibility (or non-monotonic reasoning, if you're in the AI world) is focused on how to *represent* it, but I want to take a step back, and ask *why* it's *there*. I will argue that defeasible inference is a hard-to-avoid design feature of certain kinds of boundedly rational agents, that the open-endedness is genuine, and that we need to understand defeasibility from an engineering -- rather than a formal -- perspective.

The Lecture will be held on Tuesday  
25 May 2021, at 16:15

ההרצאה תתקיים ביום שלישי  
25 במאי 2021, בשעה 16:15

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

[Zoom Meeting lecture - click here](#)



Photo: Elvira Di Bona



## פרופסור אליהו מילגרם

המחלקה לפילוסופיה, אוניברסיטת יוטה  
סולט לייק סיטי, ארה"ב

### Professor Elijah Millgram

Philosophy Department, University of Utah  
Salt Lake City, USA

Lecture | הרצאה

## WHO WAS NIETZSCHE'S GOOD EUROPEAN?

The Lecture will be held on Wednesday  
2 June 2021, at 16:15

ההרצאה תתקיים ביום רביעי  
2 ביוני 2021, בשעה 16:15

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

Lecture | הרצאה

## WHO WAS NIETZSCHE'S PSYCHOLOGIST?

The Lecture will be held on Monday  
7 June 2021, at 16:15

ההרצאה תתקיים ביום שני  
7 ביוני 2021, בשעה 16:15

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

Lecture | הרצאה

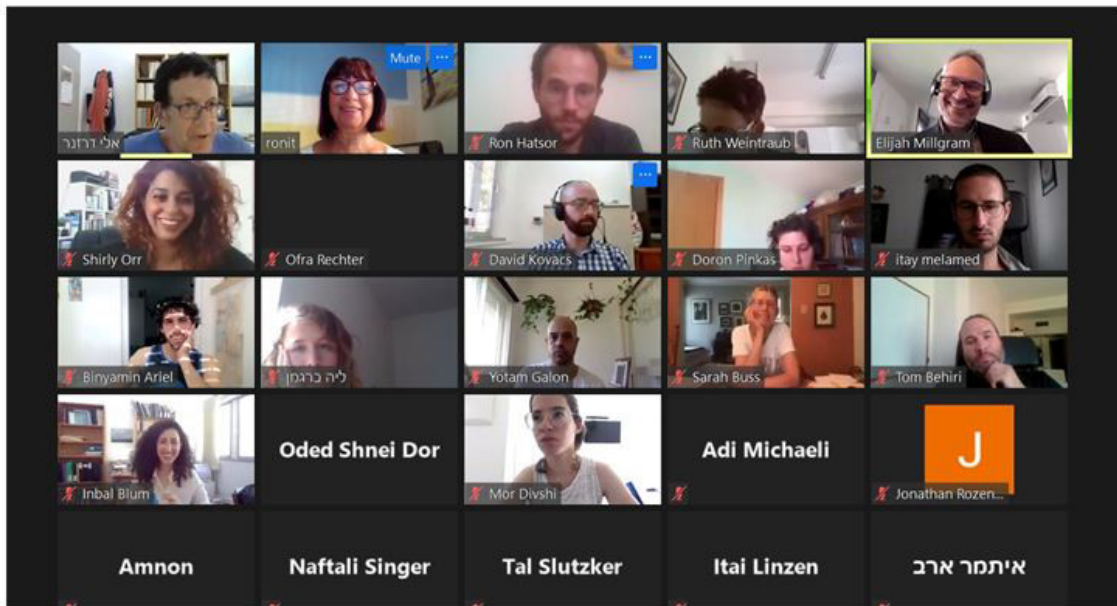
## WHO WAS NIETZSCHE'S ANTICHRIST?

The Lecture will be held on Monday  
14 June 2021, at 16:15

ההרצאה תתקיים ביום שני  
14 ביוני 2021, בשעה 16:15

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

[Zoom link for all three lectures - click here](#)



Prof. Elijah Millgram delivering his Zoom lecture



Prof. Elijah Millgram at his Zoom lecture



1.9.2021

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

Visit of Prof. Elijah Millgram  
Final Report

Prof. Elijah Millgram, of the University of Utah, has recently completed a visit to the philosophy department at Tel Aviv University, as a fellow of the Sackler Institute of Advanced Studies. As his host I am happy to report that his visit here, which took place from 19.4.2021 to 23.6.2021, was most successful and productive. Many members of our department, of all ranks and levels, have taken advantage of the presence of this notable philosophical figure among us for this substantial period time.

The main formal core of Prof. Millgram's visit was his three lecture series on Nietzsche. In this series Prof. Millgram presented a novel, challenging interpretation of key themes in this important philosopher's writings, which was thought provoking both for Nietzsche scholars and so called analytic philosophers, who are much less familiar with his thought.

Another focal point of Prof. Millgram's visit was his talk in logic, on defeasible reasoning. Here too new ideas were presented in an intriguing, provocative way, giving rise to discussions among students and faculty members alike.

And in between these events Prof. Millgram had a variety of appointments with undergraduates, graduate students and faculty members (including the author of this report, of course), whom he met in a variety of informal contexts. Many of those who had discussions with Prof. Millgram praised his enthusiasm in discussing their projects, and we were grateful for his useful and insightful comments. Several of these interactions have the potential to give rise to future collaborations.

Prof. Millgram's visit has thus proved to be a great success, fulfilling our expectations of it. We are therefore most grateful to the Sackler fellowship program, which enabled it to take place.



Prof. Eli Dresner  
Department of Philosophy  
Tel Aviv University  
dresner@tauex.tau.ac.il

## PROFESSOR ALEXANDER LOGUNOV

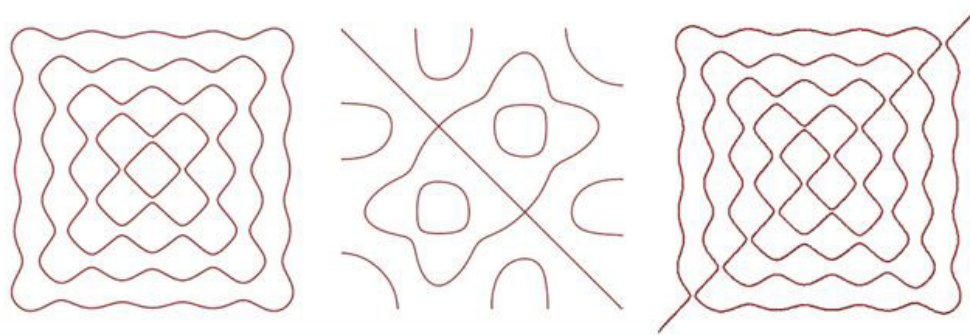


Prof. Alexander Logunov, IAS Outstanding Junior Fellow 2020/2021, is a professor in the Department of Mathematics at the University of Geneva, Switzerland, and an assistant professor of Mathematics at Princeton University, New Jersey, USA.

Prof. Logunov received his Bachelor of Science (B.S., 2012) and his Candidate of Sciences (Ph.D., 2015) from the faculty of Mathematics and Mechanics of St. Petersburg State University, Russia. His Ph.D. thesis, under Prof. Viktor Petrovich Havin's supervision, examined the boundary properties of harmonic functions. Prof. Logunov served then as a Junior Research fellow (2012-2017) at the Chebyshev Mathematics Laboratory of St. Petersburg State University and as a postdoctoral fellow (2015-2017) in the Department of Mathematical Sciences at the University of Tel Aviv, Israel. He was a member of the Institute of Advanced Studies, Princeton, New Jersey, USA (2017-2018), and in 2018 he joined the Department of Mathematics at Princeton University, New Jersey, USA, as an assistant professor, a position he still holds today. In 2021, he was appointed full professor in the Department of Mathematics at the University of Geneva, Switzerland.

Prof. Logunov specializes in harmonic analysis, potential theory, and geometric analysis. Despite his young age, he has been awarded already some of the most prestigious international awards: the 2021 New Horizons Prize in Mathematics; the 2020 EMS Prize of the European Mathematical Society; the 2019 Packard Fellowship for Science and Engineering; the 2018 Salem Prize. Prof. Logunov received, jointly with Eugenia Malinnikova; the 2017 Clay Research Award for their introduction of novel geometric-combinatorial methods for the study of elliptic eigenvalue problems. He proved, among other results, an estimate (from above) for Hausdorff measures on the zero sets of Laplace eigenfunctions defined on compact smooth manifolds and an estimate (from below) in harmonic analysis and differential geometry that proved conjectures by Shing-Tung Yau and Nikolai Nadirashvili.





## פרופסור אלכסנדר לוגונוב

המחלקה למתמטיקה  
אוניברסיטת פרינסטון, ניו-ג'רסי, ארה"ב

### Professor Aleksandr Logunov

Mathematics Department  
Princeton University, New Jersey, USA

Lecture | הרצאה

## NODAL SETS, QUASICONFORMAL MAPPINGS AND HOW TO APPLY THEM TO LANDIS' CONJECTURE

The Lecture will be held on Tuesday  
27 October 2020, at 3:00 PM Jerusalem

ההרצאה תתקיים ביום שלישי  
27 באוקטובר 2020, בשעה 15:00

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

Lecture | הרצאה

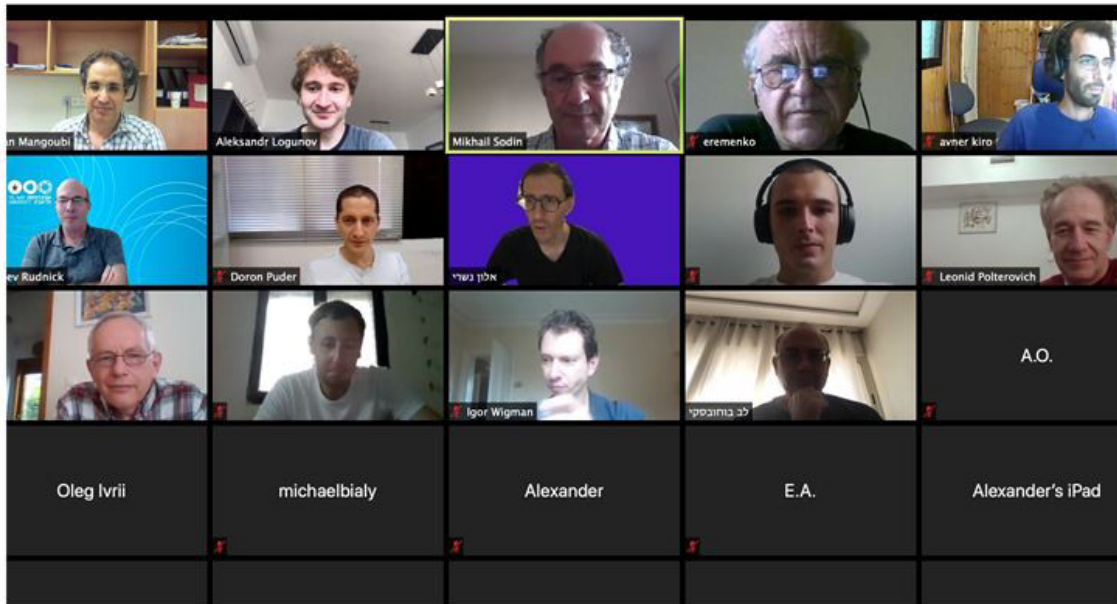
## SIGN OF LAPLACE EIGENFUNCTIONS AND QUASI-SYMMETRY CONJECTURE

The Lecture will be held on Tuesday  
3 November 2020, at 3:00 PM Jerusalem

ההרצאה תתקיים ביום שלישי  
3 בנובמבר 2020, בשעה 15:00

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

[Zoom Meeting for both lectures - click here](#)



Prof. Alexander Logunov delivering his Zoom lecture

Distortion of holes  
is bounded.

$g^{-1}(D_j)$  is contained in a  
disc of radius  $\approx \delta$ .

The function  $h = f \circ g$   
does not change sign  
in  $g^{-1}(C \setminus D_j) \setminus g^{-1}(D_j)$ ,  
which contains an annulus  
 $B_{\epsilon_s} \setminus B_{\tilde{\epsilon}_s}$   $\tilde{\epsilon} \ll \tilde{\epsilon}_s \ll \epsilon$

Prof. Alexander Logunov at his Zoom lecture





**School of Mathematical Sciences**  
The Raymond and Beverly Sackler  
Faculty of Exact Sciences  
Tel Aviv University

**בית הספר למדעי המתמטיקה**  
הפקולטה למדעים מדויקים  
ע"ש ריימונד ובברלי סאקלר  
אוניברסיטת תל אביב

## Scientific report on the visit of Professor Alexander Logunov

Professor Alexander Logunov (Department of Mathematics, Princeton University) was visiting our School in Fall 2020 as the Outstanding Junior Fellow in The Mortimer and Raymond Sackler Institute of Advanced Studies.

During his visit he delivered the mini-course (on 27.10.2020 and 03.11.2020) on his recent proofs of two long-standing conjectures (The Landis conjecture on decay of solutions to the Schroedinger equation in the plane and the quasi-symmetry conjecture on the sign of high-energy Laplacian eigenfunctions on compact surfaces without boundary endowed with smooth Riemannian metric). These lectures delivered online according to the Corona guidelines, gathered quite a large audience. Prof. Logunov also gave a brilliant lecture for our graduate students and postdoctoral fellows on a counter-intuitive Milnor's construction, seemingly contradicting Fubini's theorem.

During his stay at Tel Aviv, Prof. Logunov met with several faculty members of our school such as Lev Buhovsky, Alon Nishry, Zeev Rudnick, me, and others. Some problems we are currently working on were discussed as well as some of the questions he is interested in. These discussions were quite helpful, and we hope to continue our collaboration.

Today, Prof. Alexander Logunov is a leading young analyst in the world (during his visit to Tel Aviv, it was announced that he got The New Horizons Prize in Mathematics). His stay at Tel Aviv was an important event both for our School and for him, and we are grateful to The Mortimer and Raymond Sackler Institute of Advanced Studies for this opportunity.

24.12.2020

Mikhail Sodin, Professor in Mathematics  
Analysis Chair

sodin@tauex.tau.ac.il

## PROFESSOR SUSAN DAVIDSON



Prof. Susan B. Davidson, Sackler Fellow 2021/2022, is Weiss Professor of Computer and Information Science in the Department of Computer and Information Science, and co-founder and director of the Data Science Master's program at the School of Engineering and Applied Science (SEAS), at the University of Pennsylvania, Philadelphia, Pennsylvania, USA.

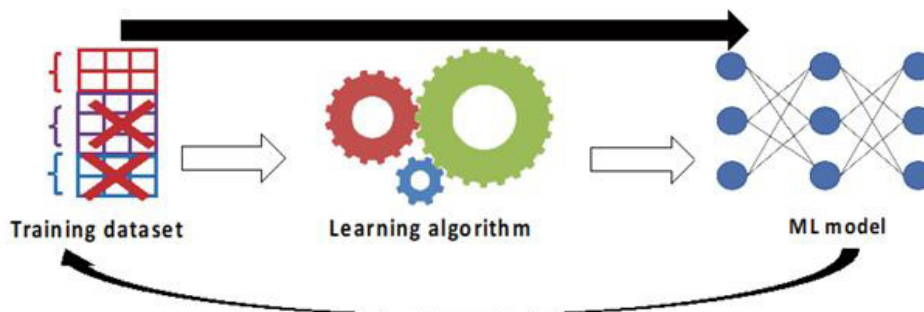
Prof. Davidson holds a B.A. in Mathematics (*cum laude*, 1978) from The College of Arts and Sciences of Cornell University, Ithaca, New Jersey, USA, an M.A. in Computer Science and Electrical Engineering (1980) and a Ph.D. in Computer Science (1982) from Princeton University, Princeton, New Jersey, USA. Following her graduation in 1982, Prof. Davidson joined the University of Pennsylvania, Philadelphia, Pennsylvania, USA, as a visiting assistant professor in the Department of Computer and Information Science. At the University of Pennsylvania, she then served as assistant professor (1983–1989), associate professor (1989–1998), professor (1998–present) and chair of department (2008-2013) in the Department of Computer and Information Science. Prof. Davidson also held a secondary appointment in the university's Genetics Department of the School of Medicine (2000-2003). Prof. Davidson is also the co-founder and director of the Data Science Master's program (2017-present) and the founder and chair of Advancing Women (2007-2018) at the School of Engineering and Applied Science (SEAS). She was also the co-founder and co-director of the university's Center for Bioinformatics (1997-2003).

Prof. Davidson was elected a corresponding fellow of the Royal Society of Edinburgh (2015) and a fellow of the Association for Computing Machinery (2001). She served as chair of the Board of Directors at the Computing Research Association (CRA, 2015-2019) and co-director of the Greater Philadelphia Bioinformatics Alliance (2003-2006). Prof. Davidson is associate editor at the *Journal of Computational Biology* (1997-present).

Prof. Davidson earned several distinctions over the years: the IEEE Technical Committee of Data Engineering Impact Award (2017), the Trustees' Council of Penn Women/Provost Award (2015) for her work on advancing women in engineering, the Lenore Rowe Williams Award (2002), and was a Fulbright Scholar and recipient of a Hitachi Chair (2004).

Prof. Davidson's work lies in fundamental computer science as it is applied to biomedicine. Her research interests center around information modeling and management, database systems, distributed systems, and bioinformatics. Within bioinformatics, her group focuses on models and systems for data integration and exchange, representation and management of incomplete and semi-structured information, provenance tracking and management, and scientific workflows. Prof. Davidson has also been instrumental in establishing degree programs in bioinformatics and computational biology at the undergraduate, master's, and doctoral levels.





## פרופסור סוזן דוידסון

המחלקה למדעי המחשב והמידע  
אוניברסיטת פנסילבניה, פילדלפיה, ארה"ב

### Professor Susan Davidson

Department of Computer and Information Science  
University of Pennsylvania  
Philadelphia, USA

Lecture | הרצאה

## NOVEL USES OF PROVENANCE IN DATA SCIENCE APPLICATIONS

### Abstract

Provenance – the “why” and “where” of data – has been extensively studied and has been used to understand the results of database queries, debug networks, and analyze data science workflows. In this talk I will discuss two novel uses of data provenance: creating fine-grained citations for data extracted from a database; and incrementally updating machine learning models after deletions have been made to the training set. I will also show how the latter can be used to efficiently clean label uncertainties in machine learning training sets.

The lecture will be held on Sunday,  
24 October 2021, at 12:00,  
Seminar Room 420, Checkpoint Building,  
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום ראשון,  
24 באוקטובר 2021, בשעה 12:00,  
חדר סמינרים 420, בניין צ'ק פוינט,  
אוניברסיטת תל-אביב, רמת-אביב

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



Prof. Susan Davidson and Prof. Tova Milo



Prof. Susan Davidson at her lecture





The Raymond and Beverly Sackler  
Faculty of Exact Sciences  
Tel Aviv University

הפקולטה למדעים מדויקים  
ע"ש ריימונד וברלי סאקלר  
אוניברסיטת תל אביב

**To:** The Mortimer & Raymond Sackler Institute of Advanced Studies  
**Re:** Prof. Susan B. Davidson's visit to Tel Aviv University as a Sackler Scholar

I would like to thank the center for providing the opportunity to host Prof. Susan B. Davidson as a Sackler Scholar from October to December 2021. The visit was very productive, and established numerous collaborations that continue to this day.

Prof. Davidson is the Weiss Professor of Computer and Information Science at the University of Pennsylvania with research expertise in databases, data integration, provenance and data science. While at TAU, she gave a seminar entitled "Novel uses of Provenance in Data Science Applications". The talk was well attended and engendered lively discussions.

During Prof. Davidson's visit, she worked with members of both my and Prof. Daniel Deutch's research groups on timely technical problems in data science. With Prof. Deutch, his student Nave Frost, and researchers at the Technion, Prof. Davidson studied how to use a well-established game-theoretic notion for wealth distribution called Shapley values to explain the result of database queries and contrast it with typical notions of data provenance [1]. With my current student Kathy Razmazde and former students Profs. Amit Somech and Yael Amsterdamer (now at Bar Ilan University), she studied how to enable data exploration, an important first step in Data Science, by displaying informative (as opposed to random) subtables of some limited number of rows [2,3]. With students May Shoshan, Shay Gershtein and former student Slava Novgorodovm (now at Google), she worked on a photo archival problem in e-commerce [4, 5].

We were also able to formulate a larger research vision of addressing the data deluge that faces us which we call "disposal by design" [6]: automating data disposal, taking into account processing constraints, regulatory constraints, as well as storage constraints. Notably, this joint work has led to a successful ISF MAPATZ (Breakthrough research) grant.

Again, I wish to extend our gratitude and appreciation to the IAS and its donors that enabled this extremely productive visit.

Sincerely,

A handwritten signature in black ink, appearing to be 'T. Milo', is written over a horizontal line.

Prof. Tova Milo, Professor of Computer Science  
Dean, Faculty of Exact Sciences  
Tel Aviv University



## References

1- "ShapGraph: An Holistic View of Explanations through Provenance Graphs and Shapley Values"  
with Daniel Deutch (TAU), Nave Frost (eBay Research), Benny Kimelfeld (Technion), Omer Koren  
(TAU), Mikaël Monet (INRIA), SIGMOD22 (demo paper).

2- "SubTab: Data Exploration with Informative Sub-Tables"  
With Kathy Razmadze (TAU), Yael Amsterdamer (Bar-Ilan University), Amit Somech (Bar-Ilan  
University) and Tova Milo (TAU), SIGMOD22 (demo paper)

3 "Selecting Sub-tables for Data Exploration"  
With Kathy Razmadze (TAU), Yael Amsterdamer (Bar-Ilan University), Amit Somech (Bar-Ilan  
University) and Tova Milo (TAU), ICDE23 (full paper)

4- "Efficiently Archiving Photos "  
With Shay Gershtein (TAU), Tova Milo (TAU), Slava Novgorodov (eBay Research) and May Shoshan  
(TAU), SIGMOD22 (demo paper).

5- "Efficiently Archiving Photos under Storage Constraints"  
With Shay Gershtein (TAU), Tova Milo (TAU), Slava Novgorodov (eBay Research) and May Shoshan  
(TAU), EDBT 2023(full paper)

6- "Disposal by Design"  
With Shay Gershtein (TAU), Tova Milo (TAU) and Slava Novgorodov (eBay Research). EEE Data  
Engineering Bulletin (March 2022)



## PROFESSOR GLENN MOST



Prof. Glenn W. Most, Sackler Fellow 2021/2022, is a visiting professor on the Committee on Social Thought at the University of Chicago, Illinois, USA, and an external scientific member of the Max Planck Institute for the History of Science, Berlin, Germany.

Prof. Most studied classics at Harvard University, Cambridge, Massachusetts, USA, where he graduated with a B.A. in Classics, Latin (*summa cum laude*, 1972). After a one-year master's course at Corpus Christi College at Oxford University, UK (1972-1973), Prof. Most continued his studies in the Department of Comparative Literature at Yale University, New Haven, Connecticut, USA, graduating with an M. Phil. (1978) and a Ph.D. (1980) under the direction of Paul de Man. Simultaneously, he also studied Classics (1976-1978) in the framework of the Seminar of Philology at the Universität Tübingen, Germany, and was awarded a D.Phil. under the direction of Richard Kannicht (1980). In 1980, Prof. Most was appointed Andrew W. Mellon Assistant Professor of Classics at Princeton University, New Jersey, USA, and remained in this position until 1985. He then served as a professor at the Università degli Studi di Siena, Italy (1985-1986); as a visiting associate professor of Classics at the University of Michigan, Ann Arbor, USA (1986-1987); and as a full professor for Classical Philology and Classical Studies at the University of Innsbruck, Austria (1987-1991). In 1991, Prof. Most was appointed full professor for Ancient Greek Language and Literature at the Heidelberg University, Germany, where he taught until 2001. In 2001, Prof. Most joined as a full professor of Ancient Greek Philology the Scuola Normale Superiore in Pisa, Italy, until he retired in 2020. Since 1997, Prof. Most serves as a visiting professor on the Committee on Social Thought at the University of Chicago, Illinois, USA. Prof. Most also served as a visiting professor in a number of prestigious academic institutions, such as: Peking University, Beijing, China (2019); the Ecole Normale Supérieure, Paris, France (2017); Humboldt-Universität zu Berlin, Germany (2015); Radboud Universiteit Nijmegen, Netherlands (2009); Université Paris 4-Sorbonne, France (2006); the Collège de France, Paris, France (2003); The Venice International University, Italy (2002).

Prof. Most is a member of the American Philosophical Society (2015), a member of the Academia Europaea (2015), an external scientific member of the Max Planck Institute for the History of Science in Berlin, Germany (2010) and a fellow of the American Academy of Arts and Sciences (2008). Prof. Most has received several awards and recognitions, among them: The Anneliese Maier Research Award (2016); and he was the first classicist to receive the Gottfried Wilhelm Leibniz Prize (1994).

Prof. Most has published books on Classics, ancient philosophy, history and methodology of Classical studies, comparative literature, cultural studies, history of religion, literary theory, and history of art. He has published numerous articles, reviews, and translations in these fields and also on such other ones as modern philosophy and literature. Amongst Prof. Most's recent publications are co-edited comprehensive Loeb editions of the early Greek philosophers in nine volumes; a co-edited volume on scholarly methods in a variety of canonical written traditions, a co-edited volume of essays on a sentence of Kafka, a collection of his essays in Chinese translation on ancient Greek poetry, and a collection of his essays in Italian translation on ancient myth and modern psychology.

Prof. Most is currently working on various projects involving both ancient Greek philology and the comparison of philological practices in different periods and cultures throughout the world.





## פרופסור גלן מוסט

הוועדה לחשיבה חברתית

אוניברסיטת שיקגו, שיקגו, אילינוי, ארה"ב

### Professor Glenn Most

The Committee on Social Thought  
University of Chicago, Chicago, IL, USA

Lecture | הרצאה

## FROM ATHENS TO CHINA AND BACK: A WESTERN STUDENT OF ANCIENT GREECE LOOKS AT THE CHINESE CLASSICAL TRADITION

### Abstract

Until recently, modern Europe and the cultures that derive from it accorded an unquestioned privilege to the Classical traditions they knew best, those of ancient Greece and Rome. Comparative studies tended to be few and were often rejected as being superficial. Now a variety of economic, political, and ideological factors have made not only the West become much more open to considering the value of other cultures than its own, but also have made those other cultures much more interested than previously in exchanges of all sorts with the West. I myself am by profession a Western student of ancient Greece; but I have always believed that one can only understand one Classical tradition well if one sees it in comparison with other Classical traditions. Among the dozen or score of Classical traditions scattered throughout the world, the Greek and the Chinese are two of the ones that have flourished the most. It is worth studying them comparatively, because not only their similarities, but also their differences, and the relative independence and lack of contact between them for most of their history, can tell us much about what makes a Classical tradition. This can only be done seriously by groups of researchers with different competences but shared questions and mutual respect. But someone has to make a start; and this lecture is intended as one such start.

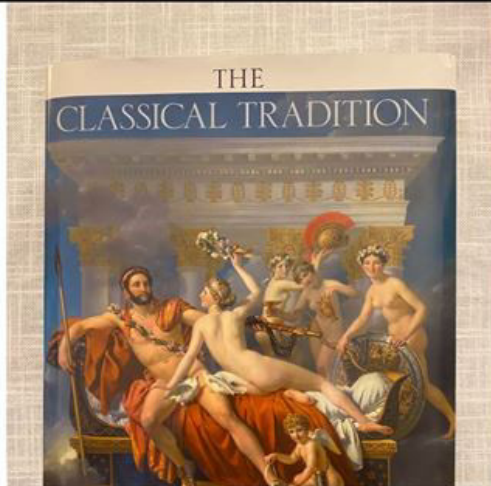
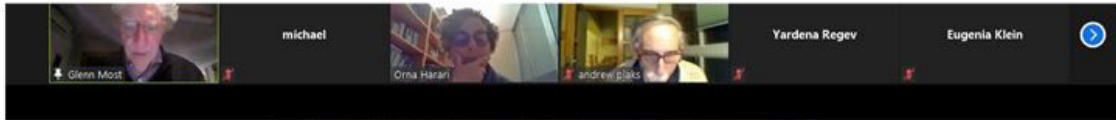
The Lecture will be held on Wednesday  
1 December 2021, at 18:00

ההרצאה תתקיים ביום רביעי  
1 בדצמבר 2021, בשעה 18:00

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

[Zoom Meeting lecture - click here](#)





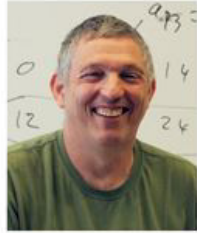
Prof. Glenn Most delivering his Zoom lecture

1870 reprint of 1738 Wuying dian edition of *The Book of Etiquette Ceremonial with Commentary and Subcommentary*



Prof. Glenn Most at his Zoom lecture

## PROFESSOR YUVAL GROSSMAN



Prof. Yuval Grossman, Sackler Fellow 2021/2022, is a professor of Theoretical Physics in the Department of Physics at Cornell University, Ithaca, New York, USA.

Prof. Grossman holds a B.Sc. in Physics and Computer Science (1990) from Bar-Ilan University, Ramat-Gan, Israel, an M.Sc. (1993) and a Ph.D. (1996) in Theoretical Physics from the Weizmann Institute of Science, Rehovot, Israel. Following graduation, Prof. Grossman served as a research associate in Theoretical Physics at the Stanford Linear Accelerator Center of Stanford University, Stanford, California, USA (1996-2000). He then was appointed to the Technion - Israel Institute of Technology, Haifa, Israel, where he held the positions of assistant professor of Theoretical Physics (2000-2003) and associate professor of Theoretical Physics (2003-2007). In 2007, Prof. Grossman joined the Physics Department of Cornell University, Ithaca, NY, USA, as an associate professor of Theoretical Physics (2007-2010), where he holds position until today as a full professor of Theoretical Physics.

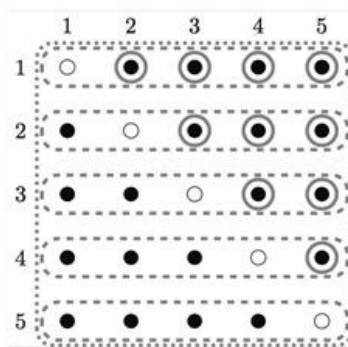
Prof. Grossman is a member of the US Neutrino Theory Network Steering Committee (2018). For his contributions to research and teaching, Prof. Grossman received several distinctions: Guest Lecturer at the Emilio Segre Distinguished Lectures in Physics, IAS, Tel Aviv University (2019), the Humboldt Research Award, Germany (2018), the "Outstanding Teacher" Award, Technion, Israel (2007), the Henry Taub Prize for Excellence in Research, Technion, Israel (2003), the "Best Teacher" Award, Technion, Israel (2003), the Alon Fellowship, Technion, Israel (2000), the Kennedy Prize, Weizmann Institute of Science, Israel (1996), and the Feinberg graduate school distinction Prize, Weizmann Institute of Science, Israel (1993).

Prof. Grossman is a referee in several professional journals since 1996: *Journal of High Energy Physics (JHEP)*, *Nuclear Physics B*, *Physics Letters B*, *Physical Review D* and *Physical Review Letters*.

Prof. Grossman's research on theoretical physics concentrates on issues related to some of the most fundamental open questions in the field, like the mystery of anti-matter, neutrino physics, and dark matter. His main focus is on interpreting experimental data and suggesting new analyses to experiments. His research work at the Cornell Laboratory for Accelerator-based Sciences and Education focused on flavor physics including lepton flavor symmetries, leptogenesis, CP violation, composite neutrinos and spin determination.

In recent years, Prof. Grossman has mainly worked on B physics and neutrino physics. In the next few years, he expects to continue to research topics related to the Large Hadron Collider (LHC).





## פרופסור יובל גרוסמן

המחלקה לפיזיקה  
אוניברסיטת קורנל  
איתקה, ניו יורק, ארה"ב

### Professor Yuval Grossman

Department of Physics  
Cornell University  
Ithaca, NY, USA

Seminar | סמינר

## THE MATHEMATICAL STRUCTURE OF U-SPIN AMPLITUDE SUM RULES

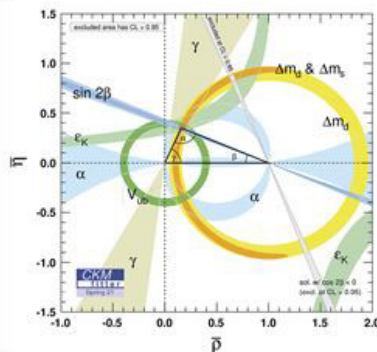
### Abstract

The approximate symmetries of QCD: isospin, U-spin, and flavor SU(3), played a major role in our understanding of the SM. They are still used today as a lot of more data are coming from LHCb and Belle-2. In this talk, I will review their use and how they were traditionally found. Then, I move to show new results, discuss their mathematical properties and show a new, and much simpler, method to derive the sum rules that takes advantage of these properties.

The lecture will be held on Thursday  
10 March 2022, at 10:00  
Melamed Hall 006, Shenkar Building  
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום חמישי  
10 במרץ 2022, בשעה 10:00  
אולם מלמד 006, בניין שנקר  
אוניברסיטת תל-אביב, רמת-אביב

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



## פרופסור יובל גרוסמן

המחלקה לפיזיקה  
אוניברסיטת קורנל  
איתקה, ניו יורק, ארה"ב

### Professor Yuval Grossman

Department of Physics  
Cornell University  
Ithaca, NY, USA

קולוקוויום | Colloquium

## THE RETURN OF THE KAON

### Abstract

Kaon physics has played a tremendous role in the history of physics. In the past few decades, the beauty meson program has taken over as the main driving force for advancements in the field of flavor physics. A few recent results indicated a bright future for the kaon program. In this talk, I first review the history of kaons and then move to discuss the present and future efforts, and how they can help us in understanding some of the open questions we are facing.

The Colloquium will be held on Sunday  
27 March 2022, at 14:00  
Melamed Hall 006, Shenkar Building  
Tel-Aviv University, Ramat-Aviv

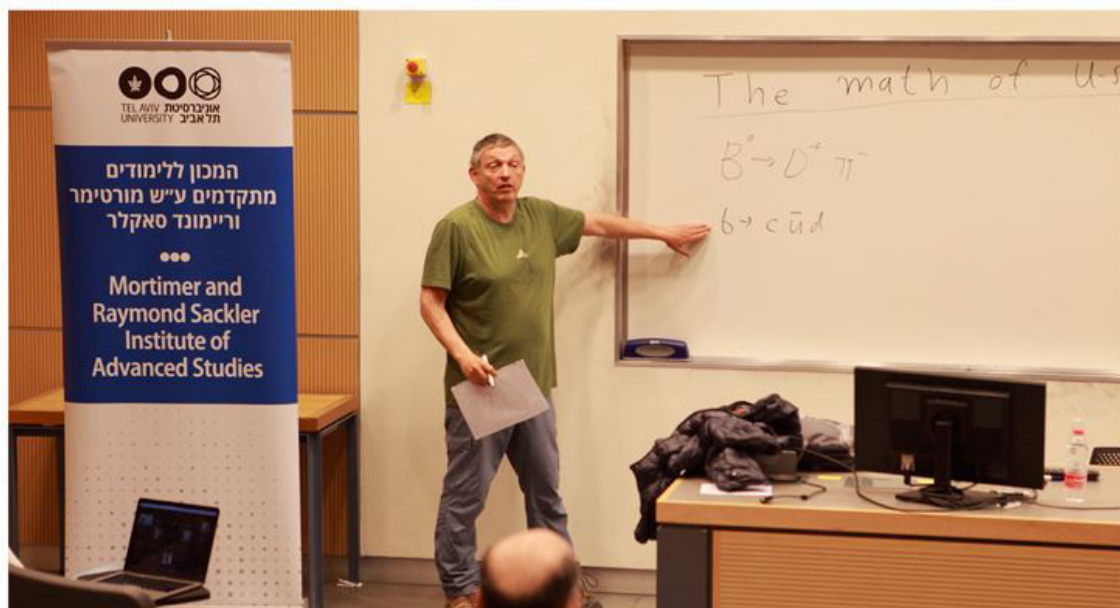
הקולוקוויום יתקיים ביום ראשון  
27 במרץ 2022, בשעה 14:00  
אולם מלמד 006, בניין שנקר  
אוניברסיטת תל-אביב, רמת-אביב

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





Prof. Yuval Grossman, Prof. Shimon Yankielowicz and Prof. David Horn



Prof. Yuval Grossman at his lecture



**The Raymond and Beverly Sackler  
School of Physics and Astronomy**  
The Raymond and Beverly Sackler  
Faculty of Exact Sciences  
Tel Aviv University

Prof. Tomer Volansky  
Department of Physics  
Tel Aviv University  
Ramat Aviv 69978, Tel Aviv  
E-mail: tomerv@post.tau.ac.il

November 27, 2022

Sackler Fellow visit report: Prof. Yuval Grossman

Prof. Yuval Grossman from Cornell University has visited the Particle Physics department at Tel Aviv University for four months, during 1.3.22 - 30.6.22. Prof. Grossman is a renowned particle physicist, specializing in flavor and neutrino physics. His work spans a wide range of subtopics with many important contributions that focus on the interplay between flavor and neutrino observables and measurements to that of physics beyond the Standard Model.

Grossman's visit was aimed at collaborating with me and my group of students and postdocs on dark matter physics and in particular, detection of dark matter with terrestrial experiments or through astronomical observations. Since dark matter only weakly interacts with known particles, some ideas for detecting it are similar to those used to search for neutrinos. Prof. Grossman is therefore an ideal collaborator for such projects.

During his visit, Grossman and my group has started working on two projects. First, we explored new direct detection techniques which utilize superconducting rings. A superconducting ring in a magnetic field and cooled below the critical temperature expels magnetic fields from its bulk, maintaining a constant, stable flux inside the hole. With Grossman we have started investigating whether the absence of competing electromagnetic fields and the stability of the currents can be used to probe interactions with dark matter and dark sector particles. Significant progress has been made on this topic, and the project is still ongoing.

Second, Grossman, myself, and another student has started working on the implications of self-interacting dark matter (SIDM) on structure formation. SIDM has been shown to leave observable imprints on small scale structure, however a comprehensive analysis which studies the limitations of existing data and the observational discrimination power to exclude SIDM models, is still lacking. With Grossman, a thorough investigation is ongoing in the hope of deepening our understanding of structure formation and its implications for the particle identity of dark matter.

During his visit, Prof. Grossman gave a Physics colloquium, a joint phenomenology seminar for the whole particle physics community in Israel, and two seminars at TAU. Given his extensive discussions and on going work with myself and my group of students and postdocs, I view Grossman's visit as a great success and am looking forward to continuing working with him and hosting him at TAU.

Sincerely,

Tomer Volansky

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## PROFESSOR MARIO FELDMAN



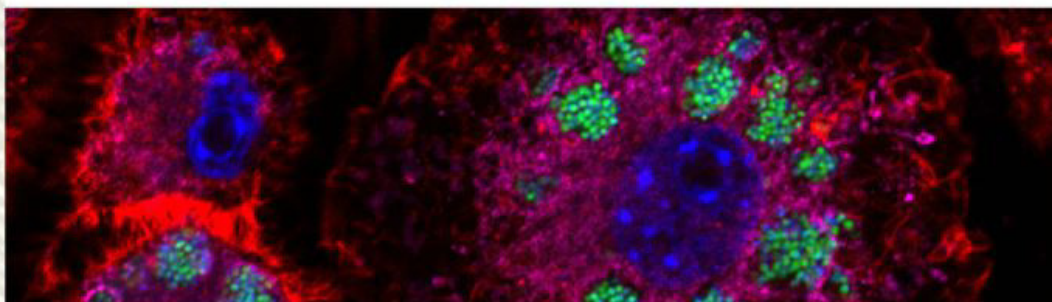
Prof. Mario F. Feldman, Ph.D., Sackler Fellow 2021/2022, is a professor of Molecular Microbiology in the Department of Molecular Microbiology at Washington University School of Medicine, St Louis, USA.

Prof. Feldman graduated with a B.S. in Biotechnology from the National University of Rosario, Santa Fe, Argentina (1994) and with a Ph.D. in Microbiology and Glycobiology from the Leloir Institute Foundation of the University of Buenos Aires, Argentina (2000). He then held postdoctoral studies as a postdoctoral researcher in Microbiology under Dr. Guy Cornelis, Biozentrum at the University of Basel, Switzerland and at the Institute of Cellular Pathology and the Faculty of Medicine of the Université Catholique de Louvain, Belgium (2000-2003); and in Glycobiology under Dr. Markus Aebi at the Department of Microbiology of the Swiss Federal Institute of Technology (ETH), Zurich, Switzerland (2003-2005). He then joined the Department of Biological Sciences at the University of Alberta, Edmonton, Canada, where he served as an assistant professor (2006-2010) and an associate professor (2010-2015). In 2015, he was appointed to the Department of Molecular Microbiology, at the Washington University School of Medicine, St Louis, USA, where he held the position of associate professor (2015-2019) and since 2019 of professor (2019-current).

Prof. Feldman is a fellow of the American Academy of Microbiology (2021). He received the Canadian Institute of Health New Investigator award (2008-2013).

Prof. Feldman is an editorial member in several journals: *The Journal of Biological Chemistry* (2015-current), the *Journal of Bacteriology* (2015-current), and *Molecular Microbiology* (2011-current).

Prof. Feldman's research focuses on the pathogenesis of the multi-drug resistant bacterium *Acinetobacter baumannii*. He is recognized for his work characterizing secretion systems, bacterial surface structures, and outer membrane vesicles. He is also a leader in the field of bacterial vaccines. He has co-founded two biotech companies, VaxNewMo and VaxAlta, which develop carbohydrate-based vaccines for humans and livestock, respectively.



## פרופסור מריו פלדמן

המחלקה למיקרוביולוגיה מולקולרית  
בית הספר לרפואה של אוניברסיטת וושינגטון בסנט לואיס  
סנט לואיס, מיזורי, ארה"ב

### Professor Mario Feldman

Department of Molecular Microbiology  
Washington University School of Medicine St. Louis  
St. Louis, Missouri, USA

Lecture | הרצאה

## DISSECTING THE VIRULENCE STRATEGIES OF ACINETOBACTER BAUMANNII

### Abstract

Healthcare-associated infections (HAI) are the most common adverse event in healthcare settings that affect patient safety. They contribute to significant morbidity, mortality, and financial burden on patients and healthcare systems. *Acinetobacter baumannii* (Ab) has been a leading cause of HAI, and it is the Gram-negative bacterium displaying the highest rate of multidrug resistance (MDR). Reflecting its growing impact on global health, the World Health Organization has listed carbapenem-resistant *Acinetobacter* as a critical threat to human health, prioritizing research into the development of new therapeutics. Although hospital-acquired pneumonia and bloodstream infections are the most common infections associated with *Acinetobacter*, soft-tissue infections, and urinary tract infections (UTIs) are also prevalent. Notably, ~20% of *A. baumannii* clinical strains are isolated from urinary sources, 60% of which correspond to catheter-associated UTI (CAUTI). In this seminar, I will first discuss our recent advances in understanding how *A. baumannii* cause infections, and in particular, UTIs. Traditional efforts to understand and track hospital outbreaks have focused on direct contact transmission, where infected patients act as sources for bacterial transmission to uncolonized patients. Hospitals often institute active patient surveillance, strict contact precautions, and sterilization interventions. Although these measures mitigate the spread of bacteria, the means by which new strains initiate hospital outbreaks are rarely understood. I will present our work supporting the hypothesis that patients previously colonized by *A. baumannii* act as reservoirs for potential outbreaks in hospital settings. Understanding the reservoirs and virulence mechanisms of nosocomial pathogens like Ab will aid in the development of effective strategies for infection prevention and control in hospital settings.

The lecture will be held on Monday  
21 March 2022, at 12:15  
Hall 100, Faculty of Medicine Building  
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני  
21 במרץ 2022, בשעה 12:15  
אולם 100, בניין הפקולטה לרפואה  
אוניברסיטת תל-אביב, רמת-אביב

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





Prof. Mario Feldman and Dr. Dor Salomon



Prof. Mario Feldman at his lecture



May 11, 2022

To: The Mortimer & Raymond Sackler Institute of Advanced Studies

**Re: Professor Mario Feldman's visit to Israel as a Sackler Lecturer**

Prof. Mario Feldman of Washington University in St. Louis visited Israel as a Sackler Lecturer for the academic year 2021/2, between March 20 and March 26, 2022. Prof. Feldman's visit was extremely productive; he presented his work and findings on the biology of the human pathogen, *Acinetobacter baumannii*, at Tel Aviv University, the Hebrew University at Jerusalem, and Ben-Gurion University. During his visits to these Universities, Prof. Feldman met with many Israeli investigators, some of which also came from other Universities to meet with him. Additionally, Prof. Feldman met with graduate students at Tel Aviv University, listened to them describing their projects, and offered advice. Prof. Feldman was very impressed with the level of scientific research and students in Israel, and expressed her desire to visit Israel again in the near future and to accept Israeli students in his laboratory. Both Prof. Feldman and I wish to extend our gratitude and appreciation to the donors and to the IAS for enabling this visit. On a more personal note, Prof. Feldman came to Israel with his family, and was able to visit Jerusalem with them. This visit was quite significant as he took his son to the wailing wall for the first time. Sincerely,

Dor Salomon, Ph.D.  
Senior Lecturer  
Department of Clinical Microbiology and Immunology  
Sackler Faculty of Medicine  
Tel Aviv University  
Tel Aviv 6997801, Israel  
[dorsalomon@mail.tau.ac.il](mailto:dorsalomon@mail.tau.ac.il)  
[www.dorsalomonlab.sites.tau.ac.il](http://www.dorsalomonlab.sites.tau.ac.il)



## PROFESSOR MARTIN YARMUSH



Prof. Martin Yarmush, Sackler Fellow 2021/2022, is Paul and Mary Monroe Endowed Chair, Distinguished Professor of Biomedical Engineering, and the director of the Interdisciplinary Jobs for Biomedical Scientists Program and the Medical Device Development Center at Rutgers, The State University of New Jersey, New Jersey, USA. He is also the director of the Center for Engineering in Medicine and Bioengineer in the Surgery Department at the Massachusetts General Hospital, Harvard Medical School, Boston, Massachusetts, USA; and senior scientific staff at the Shriners Hospitals for Children, Boston, Massachusetts, USA.

Prof. Yarmush received a B.A. in Biology and Chemistry (summa cum laude, 1975) from Yeshiva University New York, New York, USA, and a Ph.D. in Biophysical Chemistry (Immunology, 1979) from The Rockefeller University New York, New York, USA. He then spent a postdoctoral year at the Laboratory of Immunology and Immunogenetics, National Institute of Allergy and Infectious Disease, NIH, Bethesda, Massachusetts, USA (1978-1979). In 1979, he joined the University School of Medicine at New Haven, Connecticut, USA, where he graduated with an M.D. in Medicine (1983). In 1984, he completed all requirements for a Ph.D. in Chemical Engineering (excluding thesis submission) at the Massachusetts Institute of Technology Cambridge (MIT), Massachusetts, USA, where he then subsequently served as a principal research associate (associate research professor, 1984-1988). Prof. Yarmush joined in 1986 the Massachusetts General Hospital and Harvard Medical School, Boston, Massachusetts, USA, as an assistant and an associate professor (1986-1992), as an assistant and associate biochemist (1987-1993) and a biochemist (1993-1995) in the Department of Surgery, and where since 1995 he was recruited to fill the Helen Andrus Benedict chair in Surgery and Bioengineering in the Harvard-MIT Division of Health Science and Technology, and to found and direct the Center for Engineering in Medicine at the Harvard Medical School Teaching Hospitals. In parallel to his positions at the Massachusetts General Hospital and Harvard Medical School, Prof. Yarmush joined Rutgers, The State University of New Jersey, New Jersey, USA in 1988. At Rutgers, he served in the Department of Chemical and Biochemical Engineering as a professor (1988-1995), a graduate program director (1989-1991), a deputy chair (1990-1995), and a professor II (distinguished professor, 1994-1995). He also held the positions of visiting professor and chair (2000-2004) in the Department of Biomedical Engineering, and senior associate dean for Research in the School of Engineering (2007-2012). Since 2007, Prof. Yarmush is the Paul and Mary Monroe Endowed Chair in Science and Engineering, and Distinguished Professor of Biomedical and Chemical Engineering. Prof. Yarmush also founded and directed the NIH-supported Rutgers-UMDNJ Ph.D. Training Program in Biotechnology and served as a principal investigator at the Whitaker Foundation Development Award (2003-2008). Prof. Yarmush is since 2007 the director of the Center for Innovative Ventures of Emerging Technologies, and since 2014 the director of the Interdisciplinary Jobs for Biomedical Scientists Program and Director of the Rutgers Medical Device Development Center. Prof. Yarmush also serves as a senior scientific staff at the Shriners Hospitals for Children, Boston, Massachusetts, USA (1987-present).

Prof. Yarmush is a member of the U.S. National Academy of Engineering (2017), a Fellow of the U.S. National Academy of Inventors (2015), a Fellow of the New Jersey High Tech Hall of Fame (2006), and a Founding Fellow of the American Institute of Medical and Biological Engineering (1993). Prof. Yarmush is a frequently invited keynote speaker at major conferences and institutions, and the recipient of more than 30 local and national awards including: the Robert A. Pritzker Distinguished Lecturer Award, BMES (2015), the Food, Pharmaceutical and Bioengineering Division Award, AIChE (2011), the Hoechst Celanese Innovative Research Award (1994), and more.

Over the last 40 years, Prof. Yarmush has published over 500 refereed journal articles and over 60 patents and patent applications, and has mentored over 60 graduate students and 120 postdoctoral fellows. In addition to his teaching and research achievements, Prof. Yarmush has contributed to the advancement of science and engineering through service. He was a member of NIH, NSF, FDA, and Office of Technology Assessment review panels; an advisory board member for foundations (e.g. the Whitaker Foundation, Juvenile Diabetes Foundation, and Doris Duke Foundation), for academic-based centers, and for industrial firms; and was an editor of numerous science and engineering journals, including the Annual Review of Biomedical Engineering which he founded in 1999.

Prof. Yarmush is an internationally recognized bioengineer and translational scientist who has been a leader in the fields of tissue engineering and regenerative medicine, BioMEMS and nanotechnology, applied immunology and biotechnology, metabolic engineering, and medical device development. He has been credited with many pioneering scientific and technological advances including innovative cell culture systems and tissue engineering constructs, stem cell therapies, venous access devices, dynamic cell and tissue microsystems, pulsed electric field therapies, bioartificial organs development, targeted therapies for tumors and infections, recombinant protein purification techniques, and recombinant retrovirus production and purification techniques. Some of these developments have resulted in patents and the formation of companies based on these advances. In one recent example, the formation of Molecmo Nanobiotechnologies (which became Novira Therapeutics) developer of antiviral drugs for the treatment of Hepatitis B was acquired by Johnson & Johnson in late 2015 for \$600M.





## פרופסור ד"ר מרטין ירמוש

מופקד קתדרה ע"ש פול ומרי מונרו  
פרופסור להנדסה ביו-רפואית

ראטגרס, אוניברסיטת מדינת ניו ג'רזי, פיסקאטוויי, ניו ג'רזי, ארה"ב  
מנהל, מרכז להנדסה רפואית, בית החולים הכללי מסצ'וסטס  
בית הספר לרפואה של אוניברסיטת הרווארד, בוסטון, מסצ'וסטס, ארה"ב

## Professor Martin Yarmush, M.D., Ph.D.

Paul and Mary Monroe Endowed Chair  
Distinguished Professor of Biomedical Engineering  
Rutgers, The State University of New Jersey, Piscataway, NJ, USA  
Director, Center for Engineering in Medicine and Surgery  
Massachusetts General Hospital  
Harvard Medical School, Boston, MA, USA

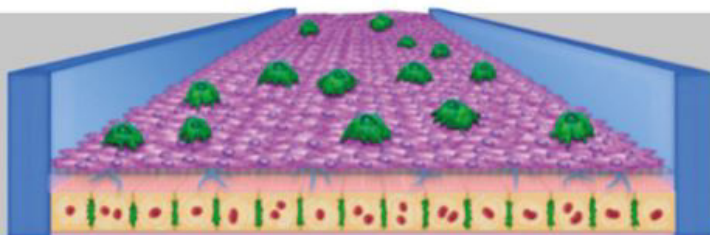
הרצאה | Lecture

## AN AUTONOMOUS IMAGE-GUIDED ROBOTIC SYSTEM FOR VASCULAR ACCESS

The lecture will be held on Monday  
2 May 2022, at 09:00  
Porter Auditorium for Environmental Studies  
Porter Building  
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני  
2 במאי 2022, בשעה 09:00  
אודיטוריום פורטר ללימודי הסביבה  
בניין פורטר  
אוניברסיטת תל-אביב, רמת-אביב

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



## פרופסור ד"ר מרטין ירמוש

מופקד קתדרה ע"ש פול ומרי מונרו  
פרופסור להנדסה ביו-רפואית

ראטגרס, אוניברסיטת מדינת ניו ג'רזי, פסקאוויץ, ניו ג'רזי, ארה"ב  
מנהל, מרכז להנדסה רפואית, בית החולים הכללי מסצ'וסטס  
בית הספר לרפואה של אוניברסיטת הרווארד, בוסטון, מסצ'וסטס, ארה"ב

### Professor Martin Yarmush, M.D., Ph.D.

Paul and Mary Monroe Endowed Chair  
Distinguished Professor of Biomedical Engineering  
Rutgers, The State University of New Jersey, Piscataway, NJ, USA  
Director, Center for Engineering in Medicine and Surgery  
Massachusetts General Hospital  
Harvard Medical School, Boston, MA, USA

הרצאה | Lecture

### MULTISCALE HEPATIC TISSUE ENGINEERING: FROM NOVEL TISSUE CONSTRUCTS AND MICROFABRICATED IN VIVO ANALOGUES TO WHOLE ORGAN ENGINEERING

The lecture will be held on Tuesday  
17 May 2022, at 12:00  
Room 101, Porter Building  
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שלישי  
17 במאי 2022, בשעה 12:00  
חדר 101, בניין פורטר  
אוניברסיטת תל-אביב, רמת-אביב

הרצאה | Lecture

### ACADEMIC ENTREPRENEURSHIP

The lecture will be held on Monday  
6 June 2022, at 15:00  
Room 101, Porter Building  
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום שני  
6 ביוני 2022, בשעה 15:00  
חדר 101, בניין פורטר  
אוניברסיטת תל-אביב, רמת-אביב

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





Prof. Alexander Goldberg and Prof. Martin Yarmush



Prof. Martin Yarmush at his lecture



14 November 2022

**Prof. Martin Leon Yarmush Sackler Fellow scientific visit report.**

In April-June 2022 we were very happy to host Prof. Martin Yarmush at Tel Aviv University as a Sackler Fellow. This was a long-awaited visit which was delayed several times due to COVID19 travel restrictions. Prof. Yarmush spent his time between the Department of Environmental Studies, where his office was located, and the Meir Medical Center.

**Formal lectures.** During his visit Prof. Yarmush gave three formal lectures. Two were given at Tel Aviv University and one at the Meir Medical Center.

Lecture 1. "An Autonomous Image-Guided Robotic System For Vascular Access" was given on May 2, 2022 at Tel Aviv University.

Lecture 2. "Multiscale Hepatic Tissue Engineering: From Novel Tissue Constructs And Microfabricated In Vivo Analogues To Whole Organ Engineering" was given on May 17, 2022 at Tel Aviv University.

Lecture 3. "Conducting research as a medical doctor" was given on May 18, 2022 in the Meir Medical Center in collaboration with the Marom program for excellent doctors. This was a first lecture in a course developed by TAU and Meir Center for Research to support research with young physicians.

**Formal meetings.** Prof. Yarmush participated in a group meeting with an Environmental Bioengineering group and a Plastics surgery group, and in another joint meeting with several groups in TAU. In addition, Prof. Yarmush had personal meetings with at least eight faculty members in TAU and at least 20 students.

**Non-formal meetings.** Prof. Yarmush participated in multiple informal meetings with TAU students, faculty and Meir Hospital personal (heads of departments, senior physicians and fellows) mostly from the plastic surgery department. In addition, he met with several biotech companies especially in the field of stem cells.



**New collaborations and projects.** A completely new project was initiated in collaboration with Prof. Yarmush, Prof. Dafna Benayahu and Prof. Avshalom Shalom from the Medical School. The project details with fat tissue, cells and intercellular matrix with a goal to combat obesity. We currently perform clinical experiments ex vivo and will apply for funding new year.

The research teams appreciate the Mortimer & Raymond Sackler Institute of Advanced Studies donors for their support of the visit.

Prof. Alexander Golberg



Head of Environmental Bioengineering Laboratory  
Department of Environmental Studies  
Porter School of Environment and Earth Sciences  
Tel Aviv University

## PROFESSOR RALPH ETIENNE-CUMMINGS

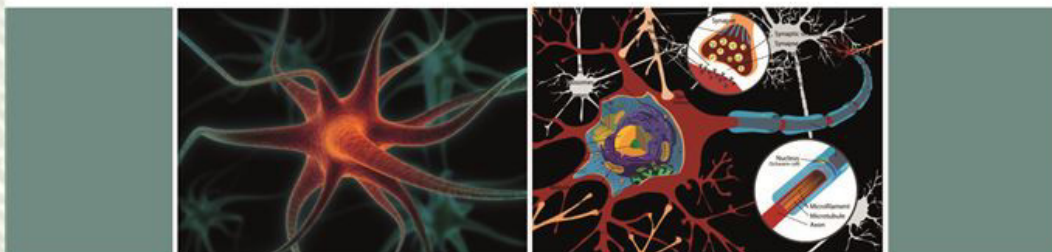


Prof. Ralph Etienne-Cummings, Sackler Lecturer 2021/2022, is the former Chairman of the Department of Electrical and Computer Engineering at Johns Hopkins University. He was the founding director of the Institute of Neuromorphic Engineering. He has served as Chairman of various IEEE Circuits and Systems (CAS) Technical Committees and was elected as a member of CAS Board of Governors. He also serves on numerous editorial boards and was appointed Deputy Editor in Chief for the IEEE Transactions on Biomedical Circuits and Systems.

Prof. Etienne-Cummings received his B.Sc. in physics in 1988 from Lincoln University, Pennsylvania. He completed his M.S.E.E (1991) and Ph.D. (1994) in electrical engineering at the University of Pennsylvania. He has published over 230 peer reviewed article, over 13 books/chapters and holds over 10 patents/applications on his work.

Prof. Etienne-Cummings is a world leader in the field of Neuromorphic Engineering and Applied Neuroscience and has won many awards. He is the recipient of the prestigious NSF's Career and highly selective Office of Naval Research Young Investigator Program Awards. He was a Visiting African Fellow at University of Cape Town, South Africa, a Fulbright Fellowship Grantee, and an Eminent Visiting Scholar at the University of Western Sydney, Australia. He has won numerous publication awards, including the IEEE Transactions on Neural Systems and Rehabilitation Engineering 2012 Best Paper Award, IEEE Transactions on Biomedical Circuits and Systems 2011 Best Paper Award and EURASIP Journal of Applied Signal Processing 2004 Best Paper Award, in addition to many best papers and posters at Conferences. He was also recently awarded (September 2019) three JHU Discovery Award for his work on neural control of diabetes, stimulation of neuron with ultrasound, and determining the signature of resilience in the ICU. In addition, The Johns Hopkins University has recognized his contribution to the University by making him an inductee into the "Indispensable Roles of African Americans" exhibit, which includes highly recognized individuals such as Prof. James E. West, Dr. Ben Carson and Henrietta Lacks. Moreover, he has been recognized as a Science Maker by the History Makers, an African-American history archive, and he has won many other recognitions for his scholarly and leadership achievements.





## פרופסור רלף אטיין-קמינגס

המחלקה להנדסת חשמל ומחשבים  
אוניברסיטת ג'ונס הופקינס  
בולטימור, מרילנד, ארה"ב

### Professor Ralph Etienne-Cummings, Ph.D., FIEEE, FASI

The Department of Electrical and Computer Engineering  
The Johns Hopkins University  
Baltimore, Maryland, USA

Lecture | הרצאה

## THE AGE OF NEUROMORPHIC ENGINEERING: PAST, PRESENT AND FUTURE

### Abstract

Over the past few years Neuromorphic Engineering has become a very popular research topic. This popularity has been fueled by enormous interest in artificial intelligence and machine learning. Neuromorphic engineering, after all, is the field that attempts to build artificially intelligent and learning systems by first understanding the neurobiology of living nervous systems, and then implementing their forms or functions in physical systems (e.g. electronics, robotics and prosthetics). As the field blossoms, it is illuminating to review its genesis, to evaluate its current state and to prognose future directions, while taking into consideration contemporaneous developments in fields complementary to neuromorphic engineering.

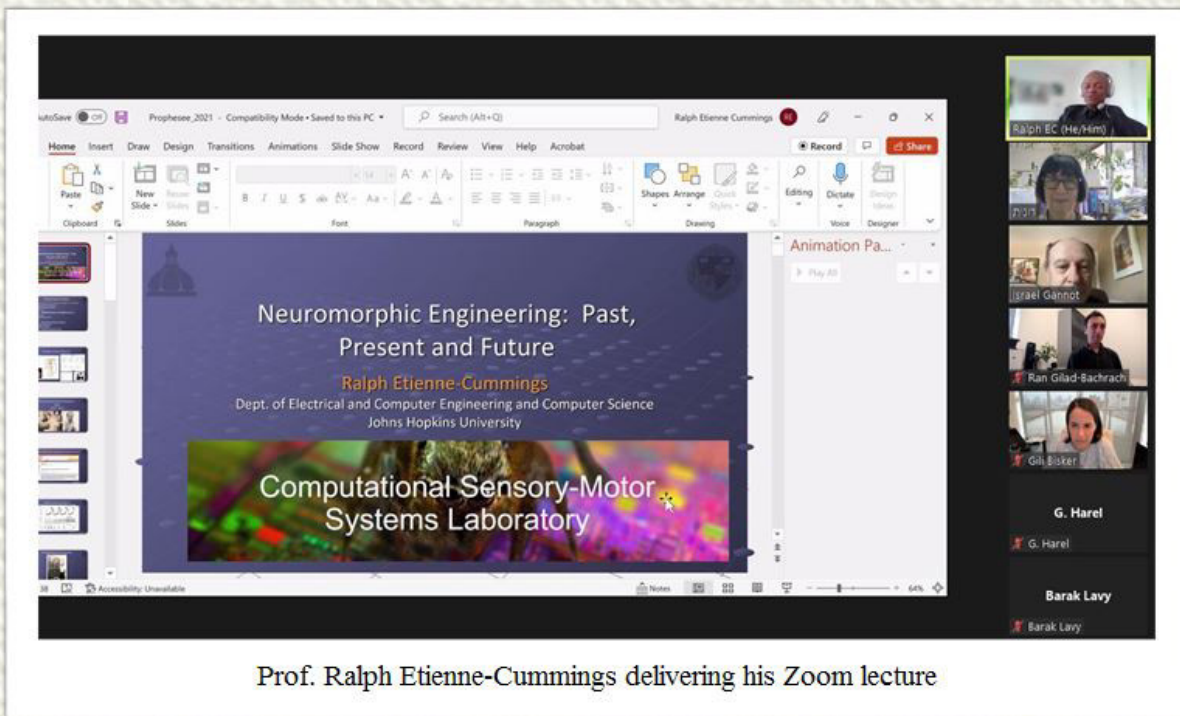
In this talk I will review the origins of neuromorphic engineering, starting with the work of the founders such as Paul Mueller, Carver Mead, Eric Vittoz, Misha Mahowald, Rodney Douglas, Jan Van der Spiegel, and leading to that of their large diaspora of students distributed around the world. I will outline the "rate versus spike" debates of the early 1990s, the development of spiking transceiver arrays of analog neurons (e.g. IFAT, Neurogrid and CAVIAR) of the 2000s, and the recent proliferation of large scale digital neuron arrays (e.g. IBM True North, Intel Loihi, and SpiNNaker). Lastly, I will discuss some of the more recent version of the neuromorphic systems, particularly those including learning by utilizing memristors and other exotic synaptic units. I will also make some predictions regarding the architecture and composition of future neuromorphic systems. I predict that the integration of living and built nervous systems, and making them collaborate to embody cognition will be the next major frontier that will be breached by neuromorphic engineers.

The lecture will be held on Monday  
2 May 2022, at 16:00

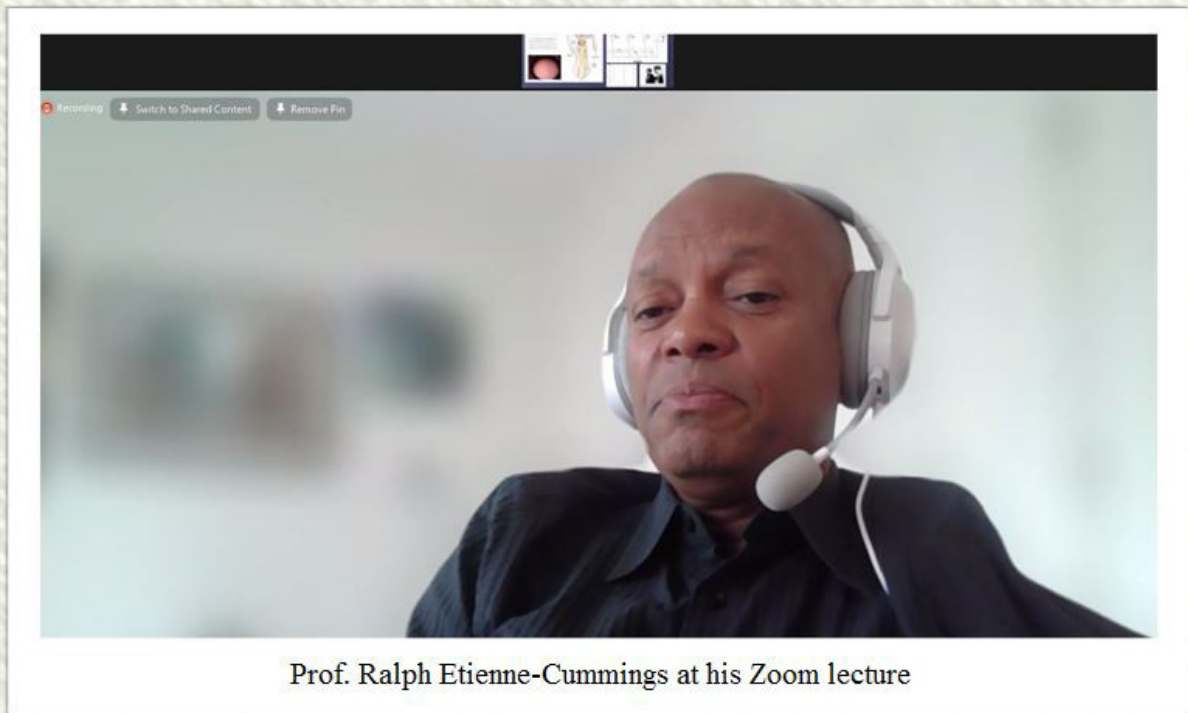
ההרצאה תתקיים ביום שני  
2 במאי 2022, בשעה 16:00

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

[Zoom Meeting lecture - click here](#)



Prof. Ralph Etienne-Cummings delivering his Zoom lecture



Prof. Ralph Etienne-Cummings at his Zoom lecture



## PROFESSOR FRANCESCO BULLO



Prof. Francesco Bullo, Sackler Fellow 2021/2022, is a professor in the Mechanical Engineering Department and the Center for Control, Dynamical Systems and Computation at the University of California, Santa Barbara, USA.

Prof. Bullo received a Laurea (joint B.S./M.S. equivalent, *summa cum laude*) in Electrical Engineering from the University of Padova, Italy (1994), and Ph.D. in Control and Dynamical Systems from the California Institute of Technology, Pasadena, USA (1999). He served as an assistant professor at the Coordinated Science Laboratory and Department of General Engineering of the University of Illinois at Urbana-Champaign, USA (1998-2004). In 2004, he joined the University of California, Santa Barbara, USA, where he served as an associate professor (2004–2008), professor (2008–present) and chair (2013-2017) in the Department of Mechanical Engineering. At the university, he is also affiliated with the Departments of Electrical and Computer Engineering, Computer Science, and the Center for Control, Dynamical Systems and Computation.

Prof. Bullo is a fellow of the Institute of Electrical and Electronics Engineers (IEEE), the International Federation of Automatic Control (IFAC), and the Society of Industrial and Applied Mathematics (SIAM). He has served the IEEE Control Systems Society in various roles: as president-elect/president (2017-2019), vice-president (2013-2014, 2011-2012), elected member of the Board of Governors (2007-2009), and as program chair for the 2016 IEEE Conference in Decision and Control. He also served as the chair of the SIAM Activity Group on Control and Systems Theory (2020-2021).

Prof. Bullo received several distinctions and awards, among them: the 2018 Distinguished Scientist Award by the Chinese Academy of Sciences; the 2016 TCNS Outstanding Paper Award from IEEE CSS; the 2016 Guillemin-Cauer Best Paper Award from IEEE CAS; the Distinguished Member Award, IEEE Control Systems Society, 2015; his articles received the 2014 Automatica Best Paper Prize from IFAC, the 2013 SIAG/CST Best Paper Prize from SIAM, the 2011 Hugo Schuck Best Paper Award from AACC, and the 2008 CSM Outstanding Paper Award from IEEE CSS; he was awarded the Young Investigator Award, Office of Naval Research, 2003; and the Xerox Foundation Award for Faculty Research, UIUC College of Engineering, 2003.

Prof. Bullo has published more than 300 papers in international journals, books, and refereed conferences. Prof. Bullo served as advisor or co-advisor of 26 graduated Ph.D. students. He received the 2015 UCSB Outstanding Graduate Mentor Award and the 2004 UIUC COE Outstanding Advisor Award. His students' papers were finalists for the Best Student Paper Award at the IEEE Conference on Decision and Control (2002, 2005, 2007), and the American Control Conference (2005, 2006, 2010).

Prof. Bullo's research focuses on modeling, dynamics and control of multi-agent network systems, with applications to robotic coordination, power systems, distributed computing and social networks. Previous work includes contributions to geometric control, Lagrangian systems, vehicle routing, and motion planning.



## פרופסור פרנצ'סקו בולו

המחלקה להנדסת מכונות

אוניברסיטת קליפורניה סנטה ברברה, קליפורניה, ארה"ב

### Professor Francesco Bullo

Department of Mechanical Engineering  
UC Santa Barbara, California, USA

סמינר מחלקתי הנדסת חשמל ומערכות | Seminar of the Electrical Engineering-Systems Department

## PERSPECTIVES ON CONTRACTION THEORY AND NEURAL NETWORKS

The seminar will be held on Thursday  
19 May 2022, at 15:00  
Room 011, Engineering Classroom Building  
Tel Aviv University, Ramat-Aviv

הסמינר יתקיים ביום חמישי  
19 במאי 2022, בשעה 15:00  
חדר 011, בניין כיתות הנדסה  
אוניברסיטת תל-אביב, רמת-אביב

קולוקוויים בית הספר להנדסת חשמל | Colloquium of the Electrical Engineering School

## ON THE MATHEMATICS OF WISDOM OF CROWDS AND SOCIAL INFLUENCE

The Colloquium will be held on Sunday  
22 May 2022, at 15:00  
Room 011, Engineering Classroom Building  
Tel Aviv University, Ramat-Aviv

הקולוקוויים יתקיים ביום ראשון  
22 במאי 2022, בשעה 15:00  
חדר 011, בניין כיתות הנדסה  
אוניברסיטת תל-אביב, רמת-אביב

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





Prof. Michael Margaliot and Prof. Francesco Bullo



Prof. Francesco Bullo at his lecture

May 25, 2022

To: The Mortimer & Raymond Sackler Institute of Advanced Studies

Re: Prof. Francesco Bullo's visit to Israel as a Sackler Lecturer

Prof. Bullo, from the University of California, Santa Barbara, visited Israel as a Sackler Lecturer during 15.5.22-24.5.22. During his visit he gave two lectures entitled: (1) "Perspectives on contraction theory and neural networks"; and (2) "On the mathematics of wisdom of crowds and social influence". These topics are in the forefront of current research in systems and control theory and learning theory.

Hosting Prof. Bullo was a unique experience. He kindly refused to any form of social activity (e.g., traveling in Israel) even during the weekend. He visited Tel Aviv University every day, staying here until very late, and was interested only in doing research. He met several faculty members and engaged in long talks with them and their students trying to foster new collaborations and brainstorm on new ideas.

One joint paper with Prof. Bullo has already been accepted for publication [1], and I believe that his visit here will lead to many more research directions, novel results, and exchange of graduate students between our research labs.

I wish to extend our gratitude and appreciation to the IAS and its donors that enabled this visit.

Sincerely,

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Prof. Michael Margaliot  
School of Electrical Engineering  
Tal-Aviv University  
Email: [michaelm@tauex.tau.ac.il](mailto:michaelm@tauex.tau.ac.il)

#### References

[1] Ron Ofir, Francesco Bullo, and Michael Margaliot. Minimum effort decentralized control design for contracting network systems, *IEEE Control Systems Letters*, accepted for publication.



## PROFESSOR NATALIE SIMS



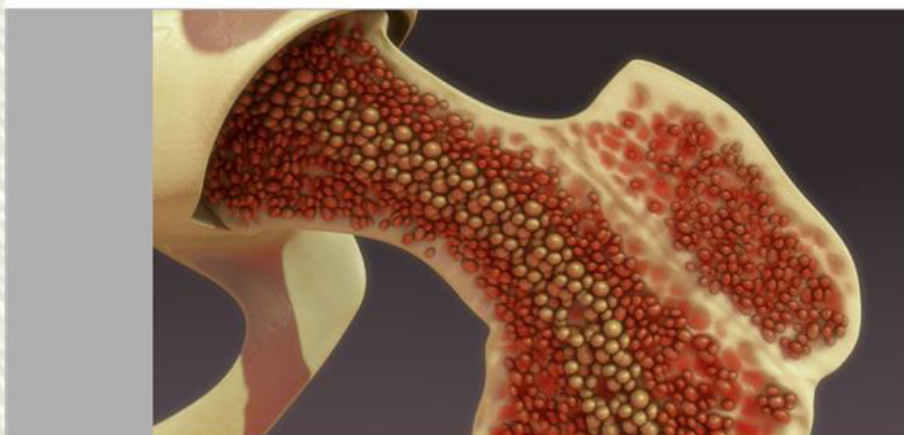
Prof. Natalie A. Sims, Sackler Lecturer 2021/2022, is a deputy director and director of the Bone Cell Biology and Disease Unit at the St. Vincent's Institute of Medical Research, Melbourne, Australia. She serves also as an associate professor and a principal research fellow at the University of Melbourne, in the Department of Medicine at St. Vincent's Hospital, Melbourne, Australia.

Prof. Sims holds a B.Sc. in Physiology (Hons., First Class Honors, 1991) and a Ph.D. in Physiology (1995) from the University of Adelaide, Adelaide, Australia. She continued her postdoctoral studies at the Garvan Institute of Medical Research, Sydney, Australia (1994-1998), and at Yale University School of Medicine, Connecticut, USA (1998-2001). In 2001, she joined the University of Melbourne, in the Department of Medicine at St. Vincent's Hospital, Melbourne, Australia, as an RJ Gleghorn Research Fellow (2001-2002), and where she then served as a National Health and Medical Research Council (NHMRC) RJ Gleghorn Research Fellow (2003-2005), and as an associate professor (2019-present). In 2009, she was appointed director of the Bone Cell Biology and Disease Unit at the St. Vincent's Institute of Medical Research, Melbourne, Australia (2009-present). In 2018, she was appointed deputy director of the St. Vincent's Institute of Medical Research (2018-present). She also served at the NHMRC as a senior research fellow (2006-2017, 2013-2019).

Prof. Sims is a fellow of the American Society of Bone and Mineral Research and the president-elect of Australia and New Zealand Bone and Mineral Society (2017). For her contributions, Prof. Sims received the International Bone and Mineral Society Herbert A Fleisch Award (2013), and the American Society of Bone and Mineral Research Fuller Albright Award (2010).

Prof. Sims has more than 110 original research publications as well as many review articles and book chapters. She is an associate editor of the *Journal of Bone and Mineral Research* (2018-present), an associate editor at *Endocrine Reviews* (2018-2023), and serves on the editorial board of the *Journal of Biological Chemistry* (2016-present).

Prof. Sims's laboratory studies the cellular interactions responsible for the development, maintenance and strength of the skeleton, and has defined the roles of a number of key pathways, including the IL-6 family of cytokines and estrogen receptor isoforms in bone through the use of genetically altered mouse models and in vitro systems.



## פרופסור נטלי סימס

ראש היחידה לביולוגיה של תאי עצם ומחלות  
סגנית מנהל  
מכון סנט וינסנט למחקר רפואי  
אוניברסיטת מלבורן, אוסטרליה

## Professor Natalie Sims

Unit Head, Bone Cell Biology and Disease Unit  
Deputy Director  
St Vincent's Institute of Medical Research  
The University of Melbourne, Australia

Lecture | הרצאה

### INTERLEUKIN-6 LINKS SKELETAL DEVELOPMENT TO THE IMMUNE SYSTEM AND VASCULATURE IN THE BONE MARROW

The lecture will be held on Monday  
23 May 2022, at 11:00  
Hall 119, Faculty of Medicine Building  
Tel-Aviv University, Ramat-Aviv

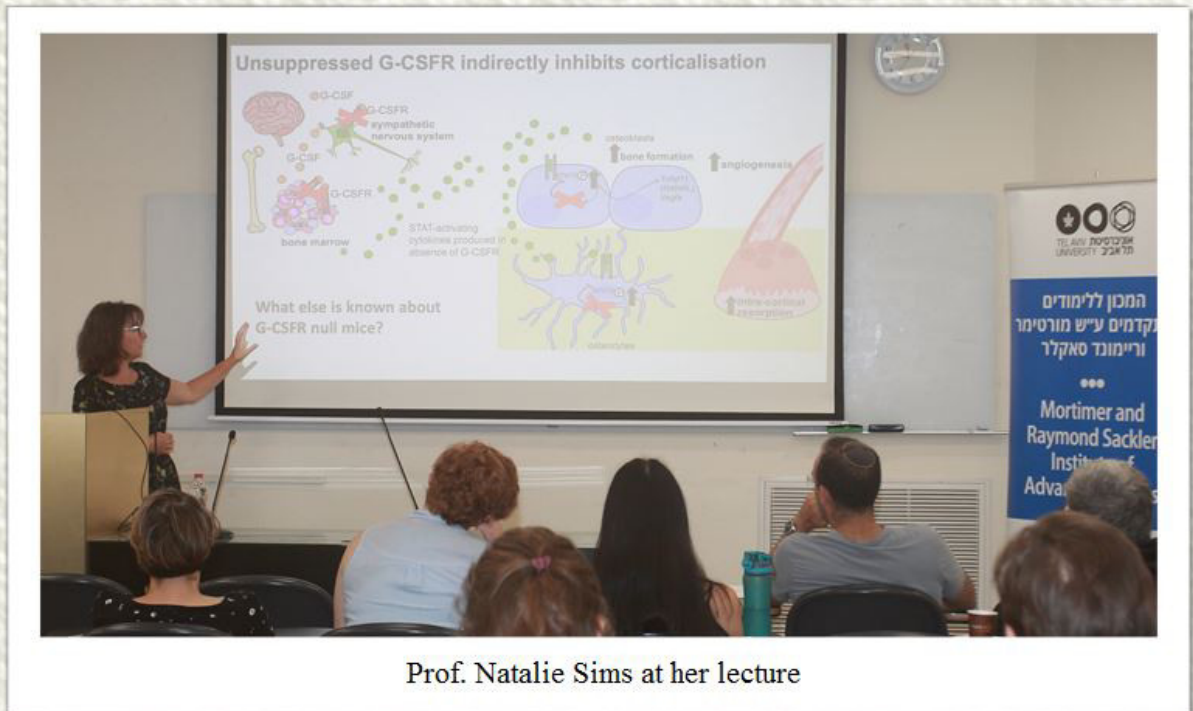
ההרצאה תתקיים ביום שני  
23 במאי 2022, בשעה 11:00  
אולם 119, בניין הפקולטה לרפואה  
אוניברסיטת תל-אביב, רמת-אביב

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





Prof. Natalie Sims, Prof. Drorit Neumann and Prof. Yankel Gabet



Prof. Natalie Sims at her lecture



Sackler Faculty of Medicine  
Tel Aviv University

אוניברסיטת תל אביב



Department of Cell and Developmental Biology

החוג לביוכימיה תאית והתפתחותית

Drorit Neumann Ph.D.

August 28<sup>th</sup>, 2022

To  
The Review Committee for nomination of Sackler Lecturers

**Summary of Prof. Natalie Sims visit as "Sackler Lecturer"**

We were very fortunate to host Prof. Nathalie Sims as a Sackler Lecturer from May 19 to May 27, 2022.

Professor Natalie Sims is Deputy Director of St. Vincent's Institute of Medical Research, and a Principal Research Fellow of the University of Melbourne, based in Melbourne, Australia.

Prof. Sims now has a well-established international reputation for her work in skeletal biology. She has >140 publications, H index 51, and is in high demand as a speaker at international conferences. She is an Associate Editor for the Journal of Biological Chemistry, the Journal of Bone and Mineral Research, and Endocrine Reviews. She is regularly invited to contribute editorials and invited reviews on a range of topics within the bone field.

Her work is highly collaborative due to her extensive skills in studying skeletal structure in genetically altered mouse models and has led to major new insights into intracellular communication in bone, heterotopic ossifications, and the impact of infection and inflammation on the skeleton.

On May 23<sup>rd</sup>, Prof. Sims delivered a Sackler lecture entitled- **Interleukin-6 links skeletal development to the immune system and vasculature in the bone marrow.**

She conducted several meetings with students and faculty. She then spent the rest of the day discussing various scientific projects with both Prof. Neumann and Gabet as well as with their students.

During her visit to Israel Prof. Sims also visited Beer Sheva University and the Hebrew University, meeting with scientists engaged in bone research. We foresee that she will be seminal to generating new inter-university collaborations in the Israeli bone community.





Prof. Sims wrote to us upon her return to Australia:

“I really appreciated the opportunity to spend time with each of you, and to talk with your lab members. I can see that the bone research community in Israel is strong and friendly, and send you my best wishes for your continuing research. I am so impressed with everything you are doing! Please get in touch if there is anything that we can do to help with furthering your research. I hope that we have many more interactions and the opportunity to collaborate in the future.”

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

Sincerely,

Two handwritten signatures in blue ink. The first signature is 'Drorit Neumann' and the second is 'Y. Gabet'.

Drorit Neumann Ph.D. and Yankel Gabet DMD Ph.D.

## PROFESSOR YAACOB DWECK



Prof. Yaacob Dweck, Sackler Fellow 2021/2022, is a professor of History and Judaic Studies at Princeton University (New Jersey, USA).

Prof. Dweck graduated with a B.A. in History (*summa cum laude*, 2002) from Columbia University (New York, USA), an M. Phil in History (2003) from the University of Cambridge (UK), and a Ph.D. in History (2008) from the University of Pennsylvania (Philadelphia, USA). In 2008, he joined Princeton University (New Jersey, USA), where he was appointed postdoctoral Cotsen Fellow in the Society of Fellows in the Liberal Arts (2008-2011). In 2011, he was named assistant professor of History and Judaic Studies at Princeton University (2011-2015). In 2013, he was awarded the Andrew W. Mellon Foundation Fellowship for assistant professors, receiving a one-year membership at the Institute for Advanced Study in the School of Historical Studies in Princeton. He was then appointed Arthur H. Scribner bicentennial preceptor (2014-2017) and associate professor of History and Judaic Studies (2015-2019) at Princeton University. In 2016, he served for a year as a Lady Davis visiting professor at the Hebrew University of Jerusalem (Israel). Since 2019, Prof. Dweck holds the position of professor of History and Judaic Studies at Princeton University (2019-present).

Prof. Dweck received several grants and fellowships: he was elected John Simon Guggenheim Fellow (2020-2021); he received the Cahnman Pre-Publication Subvention Grant from the Association for Jewish Studies (2009); he was awarded the Benjamin Franklin and the Pennfield Dissertation Research Fellowships from the University of Pennsylvania (2007-2008); he received the Wexner Graduate Fellowship from the Wexner Foundation (2003-2007), the Gates Cambridge Scholarship from the Gates Foundation (2002-2003), and the Pelling Benefactor's Scholarship from St. John's College, Cambridge, (2002-2003).

Prof. Dweck studies the Jews of the early modern period and is the author of two books: "The Scandal of Kabbalah: Leon Modena, Jewish Mysticism, Early Modern Venice" (Princeton University Press, 2011), which received honorable mention for the best book in medieval and early modern Jewish history published between 2011-2014 by the Association for Jewish Studies (2014) and was the finalist for the best first book in the history of religions, American Academy of Religion (2013); and "Dissident Rabbi: The Life of Jacob Sasportas" (Princeton University Press, 2019).





## פרופסור יעקב דוויק

החוג להיסטוריה והתכנית למדעי היהדות  
אוניברסיטת פרינסטון  
פרינסטון, ניו ג'רזי, ארה"ב

## Professor Yaacob Dweck

Department of History and Program in Judaic Studies  
Princeton University  
Princeton, NJ, USA

סמינר | Seminar

### JACOB SASPORTAS AND JEWISH MESSIANISM יעקב ששפורטס והרעיון המשיחי

The Seminar will be held on Wednesday  
18 May 2022, at 16:15  
Room 202, Carter Building  
Tel Aviv University, Ramat-Aviv

הסמינר יתקיים ביום רביעי  
18 במאי 2022, בשעה 16:15  
חדר 202, בניין קרטר  
אוניברסיטת תל-אביב, רמת-אביב

הרצאה | Lecture

### THE RABBINIC REACTIONARY IN THE SEPHARDIC DIASPORA לתולדות הרבנות בפזורה הספרדית המערבית בעת החדשה המוקדמת

The lecture will be held on Wednesday  
1 June 2022, at 14:15  
Room 206, Rosenberg Building  
Tel Aviv University, Ramat-Aviv

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

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

Mortimer and Raymond Sackler  
Institute of Advanced Studies

The Morris E. Curiel Institute  
for European Studies

המכון ללימודים מתקדמים  
ע"ש מורטימר וריימונד סאקלר

המכון ללימודים אירופיים  
ע"ש מוריס א' קוריאל



## פרופסור יעקב דוויק

החוג להיסטוריה והתכנית למדעי היהדות  
אוניברסיטת פרינסטון  
פרינסטון, ניו ג'רזי, ארה"ב

## Professor Yaacob Dweck

Department of History and Program in Judaic Studies  
Princeton University  
Princeton, New Jersey, USA

שיחה עם פרופסור יעקב דוויק | Conversation with Professor Yaacob Dweck

## האם ניתן לכתוב ביוגרפיה היסטורית? IS HISTORICAL BIOGRAPHY POSSIBLE?

The conversation will be held on Monday  
30 May 2022, at 12:15  
Room 133, Gilman Building  
Tel Aviv University, Ramat-Aviv

השיחה תתקיים ביום שני  
12:15 בשעה 2022, במאי  
חדר 133, בניין גילמן  
אוניברסיטת תל-אביב, רמת-אביב

כיבוד קל יוגש לפני השיחה | Light refreshments will be served before the conversation





Prof. Ishay Rosen Zvi, Prof. Yaacob Dweck and Prof. Maoz Kahana



Prof. Yaacob Dweck at his lecture



To Ms. Ronit Nevo, Institute of Advanced Studies

02.01.2023

Re: Academic Report of Prof. Dweck's stay at TAU

Professor Dweck spent the month of May 2022 as a Sackler Fellow at Tel Aviv University, where he conducted an in-depth study of the unique rabbinical elite that served the Jews of the Spanish-Portuguese diaspora in the seventeenth and eighteenth centuries. This research project builds upon Dweck's previous work on the figure of Rabbi Jacob Sasportas, one of the leaders of this elite group.

During his stay at Tel Aviv University, Professor Dweck conducted research, but also engaged in teaching and collaboration with colleagues such as Professor Elchanan Reiner, Professor Ishay Rosen-Zvi, and Professor Maoz Kahana.

He also met personally with numerous research students from various departments of Jewish studies and general history, providing them with personal guidance and support. Some of these research students describe the meeting with Professor Dweck as a game changer in their academic journey toward the completion of their research, as he is known for his penetrating, novel, unusual perspectives and his ability to move the academic conversation to a new level.

In addition to his research and teaching commitments, Professor Dweck conducted a joint research workshop for advanced students from several universities with Professor Maoz Kahana. He also gave two public lectures at Tel Aviv University (organized by the Jewish Philosophy and Jewish History Departments as well as the Morris E. Curiel Institute for European Studies) that were well-attended by students and researchers from within and outside the university.

The impact of Professor Dweck's contributions to the academic community at Tel Aviv University was significant and greatly appreciated.

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

Sincerely,

Prof. Maoz Kahana  
Jewish History Department

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





