



TEL AVIV אוניברסיטת  
UNIVERSITY תל אביב

TEL AVIV UNIVERSITY CENTER  
FOR NANOSCIENCE AND  
NANOTECHNOLOGY

cordially invites you to the

**Inauguration of the Chaoul Center  
for Nanoscale Systems**

followed by a Symposium in Honor of

**Prof. Knut Urban  
Doctor Honoris Causa**

(Tel Aviv University, 2018)

**THURSDAY, MAY 3, 2018**

**14:00-17:00**

George S. Wise Senate Building, Raya and Josef  
Jaglom Auditorium, Tel Aviv University



THROUGH THE LOOKING GLASS:  
FRONTIERS IN NANOSCALE  
IMAGING AND ELECTRON  
MICROSCOPY

14:00 Greetings:

**Prof. Joseph Klafter**, President,  
Tel Aviv University

**Dr. Fred Chaoul**, Doctor Honoris Causa  
(Tel Aviv University, 2007)

**Prof. Yael Hanein**, Chair, Tel Aviv University  
Center for Nanoscience and Nanotechnology

14:15 **Prof. Ron Lifshitz**, School of Physics &  
Astronomy, Tel Aviv University

**Observing the small – A brief tour from  
Leeuwenhoek to Urban**

14:25 **Distinguished Prof. Knut Urban**, RWTH,  
Aachen University & Research Center Juelich  
2011 Wolf Prize Laureate in Physics

**The quest for better vision with electron lenses**

14:45 Coffee Break

15:00 **Distinguished Prof. Dan Shechtman**, Dept. of  
Materials Science & Engineering, Technion  
2011 Nobel Prize Laureate in Chemistry,  
1999 Wolf Prize Laureate in Physics

**The wonders of electron microscopy**

15:20 **Prof. Amit Kohn**, Department of Materials  
Science & Engineering, Tel Aviv University  
**Transmission electron microscopy studies of  
magnetic tunnel junctions**

15:40 **Prof. Michael Elbaum**, Department of  
Materials & Interfaces, Weizmann Institute  
of Science

**Cryo-tomography for thick specimens**

16:00 **Prof. Ady Arie**, The Marko and Lucie Chaoul  
Chair in Nano-Photonics, School of Electrical  
Engineering, Tel Aviv University

**Aberration correction in electron  
microscopes using sculpted thin films**

16:20 Reception

Attending the symposium is free of charge  
[pre registration is required](#)