INVITED LECTURES

Micha Asscher
The Hebrew University of Jerusalem, ISRAEL

„Buffer layer assisted deposition as a tool for basic catalysis and photo-induced surface science studies”

Kirsten von Bergmann
University of Hamburg, GERMANY

„Manipulation of interface-induced Skyrmions studied with STM”

László P. Biró
MTA Centre for Energy Research, Budapest, HUNGARY

„2D materials: atomic scale lithography, defects and vertical heterostructures”

Giovanni Comelli
University of Trieste, ITALY

„Graphene growth on Ni surfaces”

Lamberto Duò
Politecnico Milano, ITALY

„Tailoring the properties of oxide/metal interfaces: from metallic to graphitic buffer layers”

Adam S. Foster
Aalto University, Aalto, FINLAND

„Molecularly functionalized surfaces and interfaces”

Hongjun Gao
Inst. of Physics - Chinese Academy of Sciences, Beijing, PR CHINA

„Manipulation of Individual Molecules on Surfaces of 2D Atomic Crystals: from Kondo Effect to Reversible Single Spin Control”

Andrew Gellman
Carnegie Mellon University, Pittsburgh, USA

„Alloy surface science spanning composition space”
Luca Gregoratti  
Elettra - Sincrotrone Trieste, ITALY  
„Bridging the material and pressure gaps in synchrotron based photo-electron in-situ/operando studies”

Kersti Hermansson  
University of Uppsala, SWEDEN  
„Multiscale modelling of reactive metal oxide interfaces”

Pavel Jelinek  
Inst. of Physics of the Czech Academy of Science, Prague, CZECH REPUBLIC  
„High-resolution AFM/STM/IETS imaging and its applications”

Janusz Sadowski  
MAX IV Laboratory Lund University, Lund, Sweden  
„(Ga,Mn) As as a canonical dilute ferromagnetic semiconductor – electronic structure, surface effects & magnetism in low dimensional structures”

Angelika Kühnle  
Johannes Gutenberg University Mainz, GERMANY  
„Generic nature of long-range repulsion in molecular self-assembly on a bulk insulator surface”

Beata Lesiak-Orłowska  
PAS - Institute of Physical Chemistry, Warsaw, POLAND  
„Surfaces of nanocarbon-based materials – chemical and structural analysis by electron spectroscopic methods”

Rob Lindsay  
The University of Manchester, UNITED KINGDOM  
„Using surface science to understand corrosion”

Hubertus Marbach  
University of Erlangen-Nürnberg, GERMANY  
„Towards the controlled fabrication of well-defined nanostructures: a surface science approach to electron beam lithography”
Vladimir Matolin  
Charles University Prague, CZECH REPUBLIC

„Single-atom Pt-cerium oxide catalysts”

Jill Miwa  
Aarhus University, DENMARK

„Electronic properties of ultra sharp dopant profiles in Silicon”

Konstantin Neyman  
University of Barcelona, SPAIN

„Efficient computational engineering of bimetallic nanocrystals”

Marek Nowicki  
University of Wroclaw, POLAND

„Electrochemical formation of nanostructures monitored by EC-STM and CV”

Günther Rupprechter  
Vienna University of Technology, AUSTRIA

„will be given later”

Svetlozar Surnev  
University of Graz, AUSTRIA

„2D ternary oxide layers: new paradigms of structure and stoichiometry”

Sefik Suzer  
Bilkent University, TURKEY

„Investigation of ionic liquid interfaces using time- and position-resolved XPS”
János Szanyi  
PNNL Pacific Northwest National Laboratory, USA  
“The mechanism of CO2 reduction over Pd/Al2O3: a combined SSITKA and operando FTIR investigation”

Amina Taleb-Ibrahimi  
SOLEIL Synchrotron, Paris, FRANCE  
“will be given later”

Michael Trenary  
University of Illinois at Chicago, USA  
“Spectroscopic characterization of reaction pathways over a Pd-Cu(111) single atom alloy”

Elena Vedmedenko  
University of Hamburg, GERMANY  
“Information and energy storage in magnetic skyrmions and helices: role of oscillating Dzyaloshinskii-Moriya interactions”

Yeliang Wang  
Chinese Academy of Sciences, Beijing, PR CHINA  
“Manipulation of individual atoms/molecules on surfaces of 2D atomic crystals: from Kondo effect to reversible single spin control”

Martin Weinelt  
Free University Berlin, GERMANY  
“Ultrafast magnetization dynamics and its signature in the transient electronic structure”