

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 Wrocław, 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 paradigmas 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”