

*nanostructures      surfaces and thin films      nano-photovoltaics*  
*nano-photonics      nano-electronics      spintronics*

# 16<sup>th</sup> IUVSTA International Summer School on Physics at Nanoscale

June 12–17 2017  
Devět skal, CZ

<http://iss.fzu.cz/>

- David Cahen (Weizmann Institute, Israel): *Bio-molecular electronics and photovoltaics*
- Olindo Isabella (TU Delft, The Netherlands): *Photonic Nanostructures and Photovoltaic Devices*
- Andrei Kirilyuk (Radboud University, The Netherlands): *Magnetization Dynamics and Nanomagnetism*
- Lars Korte (Helmholtz Zentrum Berlin, Germany): *Silicon Based Photovoltaics*
- Uriel Levy (Weizmann Institute, Israel): *Silicon Photonics and Plasmonics*
- Olivier J. F. Martin (EPFL, Switzerland): *Nonlinear Plasmonics*
- Thomas Michely (Köln Univ., Germany): *Reduced dimensionality materials: 2D layers, 1D wires, and 0D clusters*
- Gareth Parkinson (TU Vienna, Austria): *Physics and Chemistry of Iron-Oxide Surfaces*
- Erik Reimhult (BOKU Wien, Austria): *Biologically Inspired Materials*
- Pere Roca i Cabarrocas (Ecole Polytechnique, ParisTech, France): *Silane plasmas:  
a wonderful toolbox for the synthesis of nanomaterials*
- Ferdinand Scholz (Ulm University, Germany): *GaN and related hetero structures*
- Paul S. Weis (UCLA, USA): *Nanoelectronics*
- Roland Wiesendanger (Hamburg University, Germany): *Revealing spin structures with atomic resolution:  
From the Smallest Building Block Units to Model-Type Atomic-Scale Spintronic Devices  
The Exciting Physics of Bottom-Up Constructed Atomic Spin Chains on a Metallic Substrate.*

On behalf of organizing committee A. Fejfar (Academy of Sciences, Prague, CZ) and T. Šikola (Brno University of Technology, CZ)

Programme committee H. H. Brongersma (Calipso, Eindhoven, NL), I. Gordon (IMEC, Belgium),  
I. Kamiya (Toyota Technological Institute, Nagoya, JP), C. Teichert (University of Leoben, A), P. Varga (Technical University Wien, A)