

Monday 13 November		
9:00-9:15	Miroslav Holecek/ Organisers	Opening ceremony
Session	Chair: M. Holecek	General overview of experimental and theoretical aspects of PES
9:15-10:00	Chuck Fadley	Photoemission in the 21st Century: Opportunities and Challenges for Experiment and Theory
10:00-10:30	Jan Minar	One-step model of photoemission
10:30-11:00	coffee break	
11:00-11:30	Karol Hricovini	Time and spin dependent pump-probe photoemission
11:30-12:00	Ivan Vartanians	X-ray standing wave measurements at free-electron lasers
12:00-12:30	David Müller	Probing the Solid/Gas Interface of Solid State Electrochemical Devices at Elevated Temperatures
12:30-14:00	lunch	
Session	Chair: D. Sebileau	4f Electrons and correlations
14:00-14:30	Evgeny Gorelov	Spectroscopy of strongly correlated materials: many-body approaches.
14:30-15:00	Starowicz Pawel	ARPES studies of Ce 4f electrons in selected materials
15:00-15:30	Kolorenc Jindra	Metal-oxygen hybridization and core-level spectra in actinides and rare-earth oxides
15:30-16:00	coffee break	
Session	Chair: R. Medlin	Catalysis
16:00-16:20	Jiri Libra	SW and HW developments for photoemission experiments
16:20-16:40	Tomas Duchon	4f electrons in ceria
16:40-17:00	Filip Dvorak	ALD sensitized TiO2 nanotube layers for light driven applications
17:00-17:20	Vaclav Nehasil	Rhodium - cerium oxide systems - XPS and TPR study of model catalysts
17:20-17:40	Laurent Nicolai	InBi: promising new topological material
18:00	Dinner	
Tuesday 14 November		
Session	Chair: C. Fadley	Catalysis
9:00-9:30	Jan Rusz	Towards magnetic spectroscopy with atomic spatial resolution
9:30-9:50	Martin Kalbac	Approaches to characterize functionalization of CVD graphene
9:50-10:10	Jana Vejpravova	Magnetic structures of epsilon iron(III) oxide - XMCD as a complementary probe to neutron scattering and nuclear spectroscopies
10:10-10:30	Ondrej Sipr	Theory of core-hole effects in XAS and EELS
10:30-11:00	coffee break	
Session	Chair: J. Kolorenc	Spin orbit coupling phenomena and topological insulators
11:00-11:30	Stanislav Chadov	TBA
11:30-12:00	Jan Honolka	PES of Mn-doped Bi2Se3 topological insulators
12:00-12:20	Henrieta Volfova	Spin-orbit coupling effects on bulk and surface states in ARPES
12:20-12:40	Martin Gmitra	Proximity effects in layered heterostructures
12:40-14:00	lunch	
Session	Chair: J. Minar	TEM and EELS I
14:00-14:20	Rosta Medlin	Ti doped ZnO: combined TEM, EELS and XPS study
14:20-14:50	Viera Skakalova	Graphene on diamond: XPS, TEM and EELS
14:50-15:10	Viliam Vretenar	Imaging of different carbon allotropes by reflection EELS using Auger microprobe
15:10-15:30	Alena Michalcova	Practical aspects of spectroscopy of Al-based alloys with possible self-healing properties
15:30-16:00	coffee break	
Session	Chair: J. Honolka	TEM and EELS II
16:00-16:20	Mariana Klementova	TEM and diffraction
16:20-16:40	Jan Duchon	EELS experiment, comparison of Gatan GIF and JEOL Omega filter
16:40-17:00	Jan Michalicka	High Resolution STEM-EELS Study of Plasmonic Structures with Use of Monochromated Electron Beam
17:00-17:45	Vladimir Matolin	Single-atom Pt-cerium oxide catalysts
18:00 --	Dinner and excursion	
Wednesday 15 November		
Session	Chair: M. Gmitra	Applied PES
9:00-9:45	Didier Sebileau	Photoelectron Diffraction Modeling within the MsSpec Package
9:45-10:15	Slavomir Nemsak	Novel ways of looking at solid-liquid interfaces
10:15-10:35	Lucia Kapitanova	Characterisation of early steps of bone growth on biocompatible materials
10:35-11:00	coffee break	
Session	Chair: S. Chadov	High resolution and spin resolved PES
11:00-11:20	Igor Pis	High-resolution photoemission spectroscopy at the BACH beamline
11:20-11:50	Roman Adam	Ultrafast Electron- and Spin-Dynamics in the Electronic Band Structure of Co(001)
11:50-12:10	Karel Vyborny	Photoelectron and optical spectroscopy on antiferromagnetic CuMnAs
12:10-12:40	Lukasz Plucinski	Direct observation of the band gap transition in atomically thin ReS2
12:40-12:45	J. Minar, S. Nemsak, R. Medlin	Concluding remarks
12:45-14:00	lunch	
14:00	Euspec and ITN Meeting (UWB University, Rektorat building)	