



Program

Monday 19 February (FCT-UNL, Room 202, Building IV (E.IV))		
Operture		
9:00-9:15	Organizers	Reception
9:15-9:30		Opening Ceremony
Session A	Chair: Krisztian Palotas	
9:30- 10:30	Ana Maria Botelho do Rego	X-ray photoelectron spectroscopy: a powerful tool for characterization
10:30-11:00		Coffee Break
11:00 -11:45	Anna Taranukhina	Quantum-Chemical and Multiple Scattering Calculations of X-Ray Emission and Absorption: Correspondence between Green's Function Singularities, Molecular Orbital Energies, and Spectra Features.
11:45-12:30	Lars G.M. Pettersson	Modeling X-Ray Emission Spectroscopy of Hydrogen-Bonded Systems with a Semi-Classical Kramers-Heisenberg Approach
12:30-14:00		Lunch
Session B	Chair:Lars G.M.Pettersson	
14:00- 14:45	Jan Minar	One step model of ARPES: Photoemission response of Fe-pnictides
14:45-15:30	Krisztian Palotas	High-resolution tunneling spin transport on a magnetic skyrmion
15:30 -16:00		Coffee Break
16:00-16:45	Gonalo Barreto	Impedance spectroscopy as water pollutants detector
Tuesday 20 February (FCT-UNL, Room 202, Building IV (E.IV))		
Session C	Chair: Ondrej Sipr	
9:00- 9:45	Keisuke Hatada	New features of ES2MS package
9:45-10:30	Martin Lueders	The Electronic Structure Common Data Format
10:30-11:00		Coffee Break
11:00 -11:45	Alexander Soldatov	Combination of Supercomputer Modelling and Machine Learning Algorithms for the Analysis of XANES Big Data.
11:45-12:30	Rostislav Medlín	One step model of ARPES: Photoemission response of Fe-pnictides Ti doped ZnO Thin Films: Fabrication, Structure, Phase transitions and Properties
12:30-14:00		Lunch
Session D	Chair: Keisuke Hatada	
14:00- 14:45	Ondrej Sipr	Broadening calculated spectra by introducing complex energy: possible artefacts close to the edge
14:45-15:30	Didier Sébilleau	Fitting calculations to experiment: A 1001 ways to compare two curves
15:30 -16:00		Coffee Break
16:00-16:45	Filipa Pires	Investigation of the protective role of EGCG against oxidative stress induced by ultraviolet radiation by spectroscopic techniques
19:30-22:30		Social Dinner
Wednesday 21 February (FCT-UNL, Room 202, Building IV (E.IV))		
Session E	Chair: Jan Minar	
9:00- 9:45	Hubert Ebert	Theoretical description of ultrafast laser-induced demagnetization monitored by photo-emission using the non-equilibrium Green function formalism
9:45-10:30	Roberto Grunnella	Activity of the time resolved spectroscopies working group in EUSPEC
10:30-11:00		Coffee Break
11:00 -11:45	Ana Ferraria	XPS application to the study of carbon allotropes
11:45-12:30	Telma Marques	Study of the effect on DNA multilayer films when submitted to UV radiation
12:30-14:00		Lunch
Session F	Chair: Roberto Grunella	
14:00- 14:45	Akihiro Koide	Analysis of K-edge XMCD for CrO ₂ as a light element magnetic material
14:45-15:30	Nadja Doslic	Photoinduced Dynamics of Small Organic Compounds: Achievements and Challenges
15:30 -16:00		Coffee Break
16:00-16:45	Alberto Marmodoro	Towards an approximated description of X-ray absorption under electric field within a NEGF-KKR framework
16:45-17:00	D. Sebilleau/H. Ebert	End of Meeting
Thursday 22 February (FCT-UNL, Room 113, Building IV (E.IV))		
9:00-10:30	MC Euspec Meeting	
10:30 -11:00		Coffee Break
11:00-12:30	MC Euspec Meeting & Departure	