	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
	Session 1: Electronic structure methods	**Session 2: Optical properties of materials**	**Session 3: Vibrational properties of materials**	**Session 4: Strongly correlated systems**	**Session 5: Quantum computing***
9:30-10:00	Registration + Welcome talk				
10:00 - 11:00	M. Mayorga *Is there any recipe for using RPA?*	Y. Liu (online) Calculations of absorption tail in mixed halide perovskite	M. Kotiuga *Insights from vibrational properties in determining structural prototypes of ferroelectrics*	M. Chatzieleftheriou *Metal-insulator transitions in the Hubbard model: local vs non-local correlation effects*	X. Bonet-Monroig *Quantum computing: why should I (and you) care?*
11:00- 11:30	A. El Sahili *Beyond GW:non-unique method and diversity of choices*	H. Fried *Calculation of optical signatures of deffects: comparing different methods*	A. Castellano *Mode-coupling theory anharmonic lattice dynamics*	B. Chatterjee *Ground state symmetries collective modes in TA2NiSe5 - an excitonic insulator candidate*	C. Emeis *Electron-plasmon satellites in the spectral function of highly-doped HfS2*
11:30 - 12:00	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK	COFFEE BREAK
12:00 - 12:30	M. Gunes *Charge density as a functional of the potential: Connector theory approach*	L. Biancorosso *Plasmon-assisted electron dynamics in photocatalysis: hydrogen production from formic acid*	J. Batista *Machine learning assisted calculation of phonon properties in layered hBN*	A. Carrasco Alvarez *Charge ordering as the driving mechanism for superconductivity in rareearth nickel oxides*	D. Corona *Encapsulated BN nanocages and nanocapsules as anode materials for magnesium-ion batteries: A DFT study*
12:30 - 13:00	M. Sadegh Shakeri *Many-body GW calculation od X-ray absorption spectra of Cu0, Cu+, Cu2+ and Cu3+ structures*	M. Marino *Ab initio study of Fe-phthalocyanine adsorption on the antiferromangetic NiO(001) surface*	M. Lezoualc'h *Charge density waves in 1T-VeS2*	A. Osorio *Understanding borophene: From the atomic structure to the electronic response*	END OF CONFERENCE
13:00 - 13:30	I. Mukatayev *Investigation of atomic core levels with ab initio many body theories*	S. Grillo *Non-trivial excitonic fingerprints and optical anisotropy of 2D Tellerium*	A. Custodio *Nitrogen-vacancy center: understanding the electronic structure from ab-initio calculations*	C. Morassut *Analysis and comparison of optimal-continuum Gaussian basis sets for high harmonic generation spectra for atoms and molecules*	

13:30 - 15:30	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	LUNCH BREAK	
15:30 - 16:30	A. Ammar *Transcorrelated Selected Configuration Interaction*	S. Canola *Molecular systems probed by near-field spectroscopy*	C. Verdi *Phonon anharmonicity in quantum paraelectrics beyond density-functional theory*	C. Yue *BStrong correlation and and unconventional superconductivity in bulk and trilayer alkali-doped fullerides*	
16:30 - 17:00	Coffee break	Coffee break	Coffee break	Coffee break	
17:00 - 17:30	L. Urquiza *Pseudopotential Bethe-Salpeter calculations for shallow-core spectra*	Vun Binh *Theoretical studies of novel graphene based nanostructures*	Y. Pan *Non-equilibrium dynamics of chiral valley phonons from the time-dependent Boltzmann equation*	**What is the ETSF?** *Alberto Castro*	
17:30 - 18:00	Y. Schmerwitz *Calculations of excited electronic states by converging on saddle points using generalized mode following*	Social event and Social dinner	Poster session	**Industry session:** Francesco Calcavecchia	
18:00 - 18:30	E. Selenius *Improving density functional calculations of intramolecular charge transfer excited states*				
18:00 - 19:30					
20:00					