

Thursday 20/6				
	Session XXIV (Room Hermes)		Session XXV (Room Apollon)	
	Topological Matter - 2 & Superconductivity		Ultrafast Bandgap Photonics - 5	
	Chair: <i>Zahid Hasan</i>		Chair: <i>Andreas Knorr</i>	
08:30-09:00	Elbert Chia, Keynote	"Elucidating the pairing symmetry of infinite-layered nickelate superconductors."	Francesco Barantani	"Momentum-resolved study of ultrafast scattering in photo-excited graphite."
09:00-09:30	Tzveta Apostolova	"Photo-ionization and high-harmonic generation in zinc oxide irradiated by intense mid-infrared femtosecond laser pulse."	You Zhou	"Nonlinear photonics and excitonics in van der Waals heterostructures."
09:30-10:00	Rossitza Pentcheva	"Laser-induced carrier dynamics in metal-metal vs. metal-insulator heterostructure from real-time TDDFT."	Carlos Silva	"Many-body correlations of exciton polariton by nonlinear coherent spectroscopy."
10:00-10:30	Eleftherios Goulielmakis	"Attosecond field emission."	James McIver	"Cavity electrodynamics of van der Waals heterostructures."
10:30-11:00	Coffee Break			
	Session XXVI (Room Hermes)		Session XXVII (Room Apollon)	
	Ultrafast Bandgap Photonics - 6		Ultrafast Dynamics - 5	
	Chair: <i>Frank Jahnke</i>		Chair: <i>Paul van Loosdrecht</i>	
11:00-11:30	Ulrich Höfer, Keynote	"Spin-and momentum-resolved valleytronic dynamics in atomically thin semiconductors."	Alan Johnson	"Decoupled few-femtosecond electronic and structural transitions in VO <sub>2</sub> : A bad metal, a semi-metal, and structural revivals."
11:30-12:00	Na Wu / Yaxian Wang	"Ultrafast magnetization dynamics from a perspective of phonon"	Baerbel Retfeld	"Ultrafast dynamics of athermal electrons in metals."
12:00-12:30	Isabella Giertz	"Ultrafast electron dynamics in 2D materials and heterostructures."	Adrian Feiguin	"Time-dependent scattering approach to non-equilibrium and core-hole spectroscopies."
12:30-13:00	Sheng Meng	"Light control of phase transitions and excitonic orders."	Ilya Akimov	"Long-lived photon echoes in semiconductor nanostructures - from exciton to resident electron spin and nuclei spin dynamics."
13:00-16:00	Break			
	Session XXVIII (Room Hermes)		Session XXIX (Room Apollon)	
	Ultrafast Dynamics - 6		Ultrafast Bandgap Photonics - 7	
	Chair: <i>Ilias Perakis</i>		Chair: <i>Christian Schneider</i>	
16:00-16:30	Michael Bauer, Keynote	"Time-resolved low-energy photoelectron diffraction for the study of ultrafast adsorbate-surface interactions. "	Henry Jaffres, Keynote	"Ultrafast spin-currents mediated by interfacial spin-orbit interactions probed by THz-TDS spectroscopy."
16:30-17:00	Ahmet Kemal Demir	"Transferable optical enhancement nanostructures by gapless stencil lithography."	Romain Lebrun	"Emission of Coherent THz Magnons in an Antiferromagnetic Insulator Triggered by Ultrafast Spin-Phonon Interactions."
17:00-17:30	Hannes Böckmann-Clemens	"Valley-controlled photoswitching of a metal-insulator surface texture."	Evangelos Papaioannou	"Materials engineering of THz emission from spintronic emitters."
17:30-18:00	Helene Seiler	"Femtosecond electron diffuse scattering reveals two distinct non-thermal phonon populations in bulk MoS <sub>2</sub> "	Ovidiu Crisan	"THz Emitting Magnetic Hybrid Nanostructures in Spintronic Devices"
18:00-18:30	Coffee Break			
	Session XXX (Room Hermes)		Session XXXI (Room Apollon)	
	Ultrafast Dynamics - 7		Ultrashort Pulse Lasers - 3	
	Chair: <i>Baerbel Retfeld</i>		Chair: <i>Sergei Mirov</i>	
18:30-19:00	Paul van Loosdrecht, Keynote	"Probing quantum materials: Nonlinear THz spectroscopy."	Majid Ebrahim-Zadeh, Keynote	"Advances in ultrafast optical parametric oscillators."
19:00-19:30	Katsumasa Yoshioka	"Waveform measurement of propagating ultrashort graphene plasmon wavepackets using on-chip THz spectroscopy"	Clara Saraceno	"Advanced laser technology for THz generation."
19:30-20:00	Michel Viret	"Spin to charge conversion mechanisms down to picosecond timescales."	Amiel Ishaaya	"Efficient first Stokes generation in methane-filled antiresonant fibers."