

	Thursday, June 12	
	Session VII Ultrafast Magnetization Dynamics-2 (Room Apollon) Chair: Hermann Durr	Session VIII Quantum Sensing and Control (Room Orpheus) Chair: Sofia Economou
08:30-09:00	Alexander Gray, Keynote Controlling electronic and magnetic properties of strongly-corr oxides via heterostructuring and ultrafast pulses	David Arvidsson-Shukur, Keynote Molecule-tailored noise-mitigation in quantum chemistry
09:00-09:30	Evangelos Pappaioannou Enhanced spin-to-charge conversion at graded ferromagnetic/ /non-magnetic interfaces	Ed Barnes Control-based variational quantum algorithms and minimal evolution time
09:30-10:00	Shunsuke Yamada Spin transfer dynamics in hetero-bilayer of graphene and TMDC: a first-principle computational study	Iman Marvian Dynamics and control of non-equilibrium quantum systems
10:00-10:30	Le Phuong Hoang Ultrafast decoupling of polarization and strain in ferroelectric BaTiO3	Felix Leditzky Localizing multipartite entanglement with local and global measurements
10:30-11:00	Coffee Break	
	Session IX Ultrafast Coherent Sources-1 (Room Apollon) Chair: Sergey Mirov	Session X Attoscience-I (Room Orpheus) Chair: Koichiro Tanaka
11:00-11:30	Eric Comier, Keynote High power electro-optical frequency combs in the mid-IR	Anton Husakov, Keynote Strong-field-induced dynamics of harmonic dipole phase in solids
11:30-12:00	Madjid Ebrahim-Zadeh, Keynote Broadband phase-locked optical parametric oscillators	Peter Dombi Strong-field nano-optics
12:00-12:30	Tsung-Han Wu Nanophotonic lithium niobate waveguides for ultrafast frequency comb generation UV to Mid-IR	Ihar Babushkin Photocurrent-induced harmonics in nanostructures
12:30-14:30	Siesta	

	Seminar-1 Lightwave electronics in quantum materials in real and momentum space (Room Apollon)	
14:30-15:10	Rupert Huber, Seminar Chair Lightwave electronics in quantum materials in real and momentum space	
15:10-15:35	Selina Nöcker Tailored-light photocurrent spectroscopy	
15:35-16:00	Alex Giovannone Colliding quasiparticles in semiconductors and quantum materials	
16:00-16:25	Vincent Eggers Subcycle band-structure videography of lightwave-driven graphene	
16:25-16:50	Svenja Nerreter All-optical atomic-scale detection of the subcycle quantum flow of tunneling electrons	
16:50-17:15	Simon Meier Attosecond electron dynamics in atomic-scale lightwave-scanning tunneling microscopy	
17:15-17:30	Discussion	
17:30-18:00	Coffee Break	
	Session XI Dynamics of Nonequilibrium-2 (Room Apollon) Chair: Michael Sentef	Session XII Ultrafast Coherent Sources-2 (Room Orpheus) Chair: Irina Sorokina
18:00-18:30	Christian Heide Coherent control of electrons for ultrafast electronics, Floquet engineering, and spectroscopy	Uwe Griebner, Keynote Upgrade of a X-ray pump-probe arrangement by a high-energy few-cycle OPCPA pump at 11 μm
18:30-19:00	Daniel Lesko Optical control of electrons in a Floquet topological insulator	Rokas Jutas Multicolor-pumped ZGP NOPCPA for nonlinear optical studies in LWIR
19:00-19:30	Weizhe Li Generation of anomalous Hall photocurrent from a Floquet topological insulator	Clara Saraceno Advanced 2.1 μm femtosecond laser technology for improved conversion to the THz region
19:30-20:00	Alberto Martin-Himenes Dressing electronic states with photons in tunnel nanocavities	Kyle Hong Ultrabroadband mid-infrared nonlinear optics driven by a Cr:ZnSe chirped-pulse amplifier