

	Tuesday, June 17	
	Session XXVII Dynamics of Nonequilibrium, Plenary Session Chair: Anna Delin (Room Hermes)	
08:30-09:00	Stefan Eisebitt Dynamics and fundamental spatial limits in all-optical magnetic switching	
09:00-09:30	Theo Rasing Ultrafast control of magnetic nanostructures thru strongly non-equilibrium states	
09:30-10:00	Sergey Mirov Mid-IR ultrafast lasers, power and energy amplifiers	
10:00-10:30	Coffee Break	
	Session XXVIII Dynamics of Nonequilibrium -5 Session Chair: Mark Dean (Room Hermes)	Session XXIX Ultrafast Bandgap Photonics-4 Session Chair: Christian Schneider (Room Orpheas)
10:30-11:00	Michael Först , Keynote Photo-induced chirality	Markus Raschke , Keynote Ultrafast nano-imaging and tip-enhanced control of electronic coherence in 2D semiconductors
11:00-11:30	Alberto de la Torre Dynamic phase transition into a mixed-CDW state in 1T-TaS ₂ via a thermal quench	Livio Ciorciaro Probing light and matter dynamics with ultrafast transmission electron microscopy
11:30-12:00	Daniel Bustamante Lopez Phonon-driven magnetization rectification and reversal	Sangam Chatterjee Coherent dynamic in 2D materials
12:00-12:30	Rostislav Mikhaylovskiy Terahertz coherent magnonics in canted antiferromagnets	Alberto Martin-Jimenez Dressing electronic states with photons in tunnel nanocavities
12:30-13:00	Chong-Yu Ruan Insights into ultrafast insulator-metal transition: the role of transient doorway states and control mechanisms	Xing Zhu Valley polarized exciton dynamics in momentum space
13:00-15:00	Siesta	

	Session XXX Nonequilibrium Superconductivity-6 Session Chair: Ilias Perakis (Room Hermes)	Session XXXI Ultrafast Magnetization Dynamics-6 Session Chair: Hermann Dürr (Room Orpheas)
15:00-15:30	Danielle Nicoletti , Keynote Optical control of superconductivity	Rossitza Pentcheva Real-time time-dependent DFT investigation of the ultrafast laser-induced carrier and magnetization dynamics in SrTiO ₃
15:30-16:00	Steve Dodge How “super” is photoinduced superconductivity?	Gregor Jotzu Probing driven materials with ultrafast proximate magnetometry at the picosecond and nanometer frontiers
16:00-16:30	Giacomo Coslovich Charge density waves fluctuations and collective modes in cuprates revealed by ultrashort X-ray probes	Martina Basini Terahertz-driven parametric excitation of Raman-active phonons in LaAlO ₃
16:30-17:00	Elsa Abreu Conductivity dynamics in TH _z driven spin-ladders and under high pressure	Alex Greilich Spatio-temporal coherence in nonequilibrium semiconductor spin dynamics
17:00-17:30	Coffee Break	
	Session XXXII Dynamics of Nonequilibrium -6 Session Chair: Peter Littlewood (Room Hermes)	Session XXXIII Ultrafast Coherent Sources-4 (in Applications-2) Session Chair: Uwe Griebner (Room Orpheas)
17:30-18:00	Rohit Prasankumar Controlling quantum material properties via artificial structures	Madjid Ebrahim-Zadeh , Keynote Broadband phase-locked optical parametric oscillators
18:00-18:30	Aaron Sternbach Probing and manipulating effective optical responses of quantum materials with ultrafast near field optics	Alphan Sennaroglu CW and pulsed operation of Tm-doped & Tm,Ho-doped fluoride crystal waveguide lasers near 2μ and 2.3μ
18:30-19:00	Antonio Picano Quantum thermalization via travelling waves	Martin Bernier Energy scaling of ns fluoride fiber amplifiers at 2.8 microns
19:00-19:30	Niccolo Sellati Nonlinear terahertz spectroscopy of phonon-polaritons	Jeffrey Moses , Keynote Mid-infrared- and TH _z -resonant polarizabilities as a route to material control: science and sources