

**MC 48** Attosecond physics in condensed matter I

Wednesday, 4 September, morning

Chair:

Room:

Hours	ID	Name	Type	Title
10h30-11h30	13788	Gianluca Stefanucci	Keynote	Nonequilibrium excitons: Time-dependent ARPES spectrum, Floquet topological phases and coupling to coherent phonons
11h30-12h00	13225	M. Meierhofer	Invited	Subcycle Control of Quantum Dynamics in Solids
12h00-12h15	13901	Adolfo Avella	Oral	Dynamical Projective Operatorial Approach (DPOA) for Pump-Probe Setups in the Ultrafast Regime
12h15-12h45	13458	Antimo Marrazzo	Invited	Ab initio band structures and local topology of spin-orbitronics materials through Wannier functions

MC 48 Attosecond physics in condensed matter II

Wednesday, 4 September, afternoon

Chair:

Room:

Hours	ID	Name	Type	Title
16h00-16h30	13021	Antonio Picón	Invited	Attosecond exciton migration
16h30-17h00	13882	Stefano Dal Conte	Invited	Ultrafast and coherent excitonic processes in 2D transition metal dichalcogenides and related heterostructures
17h00-17h15	13644	Eduardo B. Molinero	Oral	Sub-cycle dynamics of excitons under strong fields
17h15-17h45	13557	Lorenz Drescher	Invited	Ultrafast Relaxation of Carriers and Spin in Solids Measured with Attosecond Transient Absorption Spectroscopy
17h45-18h15	13770	N. Tancogne-Dejean	Invited	High-harmonic spectroscopy of low-energy electron- scattering dynamics in liquids

MC 48 Attosecond physics in condensed matter III

Thursday, 5 September, morning

Chair:

Room:

Hours	ID	Name	Type	Title
10h30-11h00	13309	Vladislav S. Yakovlev	Invited	How fast is strong-field photoinjection?
11h00-11h30	13595	Rui E. F. Silva	Invited	Strong field physics in solids from a Wannier perspective
11h30-12h00	13445	Dieter Bauer	Invited	Harmonic generation in molecular films



12h00-12h15	14747	Pieter J. van Essen	Oral	Spatial polarization gating of high-harmonic generation in solids
12h15-12h45	13446	Lars Bojer Madsen	Invited	High-harmonic generation, quantum light and correlated solids

MC 48 Attosecond physics in condensed matter IV

Thursday, 5 September, afternoon

Chair:

Room:

Hours	ID	Name	Type	Title
16h00-16h30		Olga Smirnova	Invited	Sub-cycle multidimensional spectroscopy of strongly correlated materials
16h30-17h00	12873	Peter M. Kraus	Invited	Towards ultrafast imaging of correlated matter with transient high-harmonic generation
17h00-17h15	13077	Francisco Lobo	Oral	Self-consistent superconducting nanowires
17h15-17h45	13091	Denitsa R. Baykusheva	Invited	Quantum control of Mott excitons
17h45-18h15	13683	Utso Bhattacharya	Invited	Light Matters: High Harmonic Spectroscopy of Strongly Correlated Quantum Phase Transitions

MC 48 Attosecond physics in condensed matter V

Friday, 6 September, morning

Chair:

Room:

Hours	ID	Name	Type	Title
9h00-10h00		Misha Ivanov	Keynote	Ultrafast valleytronics in 2D mono- and multi-layer materials
10h00-10h15	13840	Giovanni Cistaro	Oral	Exploring electron dynamics in condensed matter systems
10h15-10h30	13919	Brian de Keijzer	Oral	The effect of photoexcitation on high-harmonic generation in semiconductors
10h30-11h00	12861	Daniel M. B. Lesko	Invited	All-optical valley current control from Floquet-engineered bandstructures