

### MC 34 Nonequilibrium dynamics and control of quantum materials I

Monday, 2 September, morning

Chair: Elsa Abreu

Room:

Hours	ID	Name	Type	Title
10h30		Gregor Jotzu	Invited	Ultrafast magnetic flux expulsion from a laser-driven cuprate
11h00	13466	Yuriko Baba	Oral	Floquet engineering in Dirac materials under short pulses
11h15	12941	H. P. Veiga	Oral	Unambiguous Simulation of Diffusive Charge Transport in Disordered Nanoribbons
11h30	13094	J. M. Alendouro Pinho	Oral	From Bloch Oscillations to a Steady-State Current in Strongly Biased Mesoscopic Devices
11h45	13125	Alessandro Braggio	Oral	Correlation, interaction and heat current detection with nonlocal thermoelectricity in quantum Hall edges
12h00		Olesia Dmytruk	Invited	Topological materials coupled to cavity photons

### MC 34 Nonequilibrium dynamics and control of quantum materials II

Monday, 2 September, afternoon

Chair: Dante Kennes

Room:

Hours	ID	Name	Type	Title
16h00	14887	Hadas Soifer	Invited	A band resolved view on ultrafast photocurrents
16h30	12894	Diogo Cunha	Oral	Hot-electron model for graphene: the key to understanding pump-probe experiments
16h45	13903	Adolfo Avella	Oral	Out-of-equilibrium Hubbard dimer within DPOA
17h00	12684	John Sous	Oral	Light-induced disordered and paired states in optically pumped metals from nonlinear electron-phonon coupling
17h15	13219	Martin Eckstein	Invited	Long-lived non-thermal phases of strongly correlated electrons

**MC 34 Nonequilibrium dynamics and control of quantum materials III**

Tuesday, 3 September, morning

Chair: Michael Sentef

Room:

Hours	ID	Name	Type	Title
10h30		Aleksei Kimel	Invited	Ultrafast magnetism – terra incognita beyond the conventional approximations
11h00	12570	Hannes Böckmann	Oral	Valley-controlled photoswitching of a metal-insulator surface texture
11h15	12634	Riccardo Grazi	Oral	Enhancing energy storage crossing quantum phase transitions in an integrable spin quantum battery
11h30	13068	Bruno-Bertin Johannet	Oral	Time-dependent quantum transport in the fractional quantum Hall effect
11h45	12337	Davide Bossini	Invited	Dynamical renormalization of a spin Hamiltonian via high-order nonlinear magnonics

**Poster Session**

Thursday, 5 September

ID	Name	Title
13068	Bruno Bertin-Johannet	Time-dependent quantum transport in the fractional quantum Hall effect