

## MC29 Orbitronics - exploring the power of orbital angular momentum manipulation I

Wednesday, 4 September, morning

Chair:

Room:

Hours	ID	Name	Type	Title
10h30-11h00	13774	H. Jaffrès	Invited	Orbital currents and orbital torques from light metals and their interfaces
11h00-11h30	13355	Seungyun Han	Invited	Dynamics and transport of orbital angular momentum and orbital angular position
11h30-12h00	12952	Annika Johansson	Invited	Theory of spin and orbital Edelstein effects in topological oxide two-dimensional electron gases
12h00-12h30	13090	Michel Viret	Invited	Observation of the Orbital Inverse Rashba-Edelstein effect
12h30-12h45	13164	Jone Mencos	Oral	Observation of the orbital Hall effect by electrical orbital injection

## MC29 Orbitronics - exploring the power of orbital angular momentum manipulation II

Wednesday, 4 September, afternoon

Chair:

Room:

Hours	ID	Name	Type	Title
16h00-16h30	13541	Jagoda Sławińska	Invited	Spintronics and orbitronics in chiral materials
16h30-17h00	12714	G. Sala	Invited	Nonlinear magnetotransport induced by the spin and orbital quantum geometry
17h00-17h30	12814	Yuriy Mokrousov	Invited	Orbitronics with magnetic 2D materials
17h30-17h45	12871	T. Adamantopoulos	Oral	Spin and Orbital Magnetism by Light in Rutile Altermagnets
17h45-18h00	13662	D. J. Passos	Oral	Optical bounds on the orbital magnetic moment
18h00-18h15	12680	Alessandro Principi	Oral	Non-conservation of the valley density and its implications for the observation of the valley Hall effect



## MC29 Orbitronics - exploring the power of orbital angular momentum manipulation III

Thursday, 5 September, morning

Chair:

Room:

Hours	ID	Name	Type	Title
10h30-11h00	12823	Kyung-Jin Lee	Invited	Orbital Torque and Orbital Pumping
11h00-11h30	12746	Kazuya Ando	Invited	Orbital torque and orbital pumping
11h30-12h00	13160	Maria Teresa Mercaldo	Invited	Superconducting Orbitronics Effects
12h00-12h30	12983	L. Canonico	Invited	Real-space Calculation of Orbital Responses in Disordered Materials