

**MC 1 Quantum plasmonics**

Thursday, 5 September, afternoon

Chair(s):

Room:

Hours	ID	Name	Type	Title
16h00	12354	Christos Tserkezis	Invited	Nonlocal plasmonics in light-matter interactions
16h30	13726	Sara Núñez-Sánchez	Oral	Bio-inspired polaritonic matter for all-organic photonic structures and metamaterials
16h45	13027	Hugo Terças	Oral	Three-Fluid Theory of Quantum Plasmons in Dirac Materials
17h00	12370	P. André D. Gonçalves	Invited	Quantum effects in nanoplasmonics and in plasmon-enhanced light-matter interactions
17h30	12926	Daigo Oue	Oral	Quantum-fluctuation-induced forces with optical gain
17h45	13623	Luis Brey	Oral	Band structure and topology of one-dimensional modulated systems: electrons and plasmons
18h00	12366	Line Jelver	Invited	Nonlinear plasmonics from ab-initio methods

**Poster Session**

Thursday, 5 September

ID	Name	Title
13410	Joel Borges	Localized Surface Plasmon Resonances (LSPR) of Au(-Ag) Nanoparticles Embedded in Metal Oxide Thin Films
13232	Rui Dias	Excitation of plasmon-polaritons in graphene via non-linear mixing of optical waves
13014	Vasco Santos	Two-dimensional Chiral Plasmonics at Magnetic Interfaces
12850	Diogo Simões	Kinetic Simulation of Quantum Plasmonics in Bidimensional Materials
12568	Pedro Cosme	Plasmonic nonlinear instabilities in graphene hydrodynamic regime