

Agenda

09:45-10.00 Arrivals and Coffee

10:00 -10.15 Welcome

10:15-11.00 Keynote talk - Professor Ian Sharp
Walter Schottky Institute & Physics Department, Technical University of Munich
Functional transition metal oxides and nitrides for photoelectrochemical energy conversion

11:00-11:20 Robert Jones (King's)
The effects of Pt doping on the optical properties of Au nanoparticles

11:20-11:40 Matias Herran (LMU),
Engineering plasmonic bimetallic systems for optimized H₂ production

11:40-12:00 Dr Marzia Iarossi (IIT)
Plasmonic nanopores for electro-optical sensing of molecules with surface-enhanced raman spectroscopy

12:00-14.00 Buffet lunch & poster session

14:00-14:20 Oliver Graydon (Nature Photonics)
The trends and the future of scientific publishing

14:20-14:40 Joanna Symonowicz (Cambridge)
In-situ optical tracking of memristive switching in MoS₂

14:40 -15:00 Dr Lucy Hale (UCL)
Terahertz generation from semiconductor metasurfaces: the role of surface nonlinearity

15:00-15:20 Romain Tirole (Imperial)
Epsilon-near-zero materials for time-varying physics

15:20-15:40 Dr Kishan Menghrajani (Exeter)
Designing open cavities for molecular strong coupling

15:40-16:00 General discussion and poster prize presentations

16.00 Close

