



# London Plasmonics Forum 2018

*Anatomy Lecture Theatre and Museum, King's Building, Strand Campus,  
King's College London—7 June 2018*

- 09:45-10:00 Arrivals and Coffee
- 10:00-10:15 Welcome
- 10:15-11:15 Keynote talk: Professor Richard Catlow, FRS (UK Catalysis Hub, UCL and Cardiff University)  
Structure and Reactivity in Nano- and Oxide Catalysts
- 11:15-11:35 Pan Wang (King's College London)  
Chemistry and light with tunnelling electrons
- 11:35-11:55 Sabrina Simoncelli (Imperial College London)  
Utilizing plasmonic hot-electrons for nanoscale control over the surface chemistry of nanoantennas
- 11:55-12:15 Esteban Pedrueza Villalmanzo (Gothenburg University)  
Polaritonic chemistry on photo-switchable molecules with plasmonic nanoantennas in the strong coupling regime
- 12:15-13:00 Buffet lunch in the Anatomy Museum
- 12:15- 14:00 RPLAS UEB working lunch)
- 13:00-14:00 Visit to Nanophotonics Labs @ King's
- 13:00-14:00 Poster session (best poster prize will be awarded)
- 14:00-14:20 Luke Nicholls (King's College London)  
Hot-electrons and nonlinear effects in metamaterials
- 14:20-14:40 Sergii Morozov (Imperial College London)  
Metal-dielectric parabolic antenna for directing single photons
- 14:40 -15:00 Davide Martella (Dental Institute, King's College London)  
NANOBIOPSY: Molecular classification of tumours by spectroscopic analysis of tissue replicas on Nanoneedles
- 15:00-15:20 Irina Zubritskaya (Gothenburg University)  
Magnetic control of the chiroptical plasmonic surfaces
- 15:20-15:40 Ventsislav Valev (University of Bath)  
Nonlinear chiral optical effects in plasmonic nano/meta-materials
- 15:40-16:00 General discussion
- 16:00 Close