

Timetable

All talks are held in **Room 1'101** (first floor), Department of Physics, Newtonstraße 15, 12489 Berlin.
Coffee breaks, lunch breaks, and dinner buffet are provided in the **foyer** (ground floor).

Wednesday, August 31 st	
09:00-09:15	Opening Remarks by Alexander Govorov (Ohio U) Short review of the key points of the NANOPLAS Workshop
09:15-10:15	Alexander Govorov (Ohio U) Quantum theory of energetic (hot) plasmonic electrons and the role of hot spots in metal nanocrystals
10:15-11:30	Garnett W. Bryant (NIST and U Maryland) Approaching the quantum limit for nanoplasmonics
11:30-11:45	Coffee break
11:45-13:00	N. Asger Mortensen (TU Denmark) Nonlocal plasmonics: Beyond classical local-response electrostatics
13:00-14:30	Lunch buffet
14:30-15:45	F. Javier García de Abajo (ICFO and ICREA) Graphene plasmons, quantum emitters, and light modulation at the nanoscale
15:45-16:15	Coffee break
16:15-17:30	Kurt Busch (Humboldt U) Theoretical aspects of quantum plasmonics in realistic systems
17:30-18:15	Marten Richter (TU Berlin) Plasmon-/cavity photon-emitter coupling: Non-perturbative numerical models and perspectives for non-canonical quantization
18:30	Poster session and dinner buffet

Thursday, September 1 st	
09:00-10:15	Javier Aizpurua (Center for Material Physics) The quantum realm of nanoplasmonics for ultraresolution and active control of optoelectronics
10:15-10:45	Coffee break
10:45-12:00	Stephen K. Gray (Argonne National Laboratory) Quantum dynamics model for hybrid quantum dot/plasmonic systems
12:30-14:00	Lunch buffet
14:00-15:15	Stephen Hughes (Queen's U) Modelling the quantum optical properties of quantum-dot plasmonic resonator systems
15:15-15:45	Coffee break
15:45-16:30	Yuan Zhang (Aarhus U) Quantum theory for plasmonic nano-laser with multi-level emitters: Optical and electric pumping
16:30-16:45	Closing remarks
17:00	Sightseeing tour