

Poster list Session 1, Tuesday June 18 2019

1. Nicholas Morgan, (EPFL), *III-V Nanoscale Membranes for Photodetectors*
2. Mike Prämassing, (Universität Bonn), *Interferometric near-field characterization of plasmonic slot waveguides in single-crystalline gold films*
3. Nils Kolja Weßling, (WWU Munster), *Optical Spectroscopy of layered Semiconductors*
4. Lok-Yee Yan, (Universität Bonn), *Coupling of Quantum Dots to Plasmonic Slot Waveguides*
5. Chia-Ching Huang, (UvA), *Photocharacteristics of silicon nanocrystals*
6. Sonakshi Arora, (TU Delft), *A closer look into topological photonic crystals*
7. Alexander Faßbender (Universität Bonn), *Fabrication of metallic microstructures on optical fibers*
8. Robin Lingstädt, (Max Planck Institute), *Wedge polaritons interacting with engineered defects in the hyperbolic material Bi₂Se₃*
9. Matthijs Berghuis, (TU Eindhoven), *Strong Light-Matter Coupling for Enhancing Delayed Fluorescence in Tetracene Crystals*
10. Florian Sterl, (University of Stuttgart), *Fourier microspectroscopy of disordered plasmonic metasurfaces*
11. Ksenia Korzun, (TU Delft), *Nanowire Solar cells*
12. Robin Buijs, (AMOLF), *Optical nano-imaging using a reconfigurable sensor*
13. Tom van der Pol, (TU Eindhoven), *Semi-transparent organic solar cells: highly transparent cells enabled by ultra-low bandgap polymer*
14. Benjamin Feleki, (TU Eindhoven), *Overcoming optical limitations for metal bottom electrode based p-i-n perovskite solar cells*
15. Eline Hutter, (AMOLF), *Pressure-dependent halide segregation in mixed-halide perovskites*
16. Hamit Eren, (TU Delft), *Towards stable and permanent electrochemical doping of quantum dots via photo-polymerisation*
17. Aqeel Ahmed, (EPFL), *Towards experimental investigation of molecular cavity optomechanical description of surface enhanced Raman scattering (SERS).*
18. Benjamin Daiber, (AMOLF), *Efficiency Potential of Singlet-Fission Silicon Solar Cells using different Injection Schemes*

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19. Jenny Kontoleta, (AMOLF), *Nanophotonics for photocatalysis*
20. Julia van der Burgt, (AMOLF), *Directive nanostructures*
21. Nikita Reichelt, (KF Uni Graz), *Noval Modal Approximation Scheme for Plasmonic Transmission Problems*
22. Ruslan Rohrich, (AMOLF), *Localized plasmon based super-resolution imaging*
23. Annemarie Berkhout, (AMOLF), *Plasmon array Salisbury screens: perfect absorption and phase singularities*
24. Mikhail Baibakov, (Institut Fresnel), *Extending the FRET range limit with aluminum zero-mode waveguide*
25. Manuel Deckart, (University of York), *Resonantly Enhanced iSCAT*
26. Simon Baber, (Exeter XM2 metamaterials CDT), *Plasmon enhanced single photon emitters in hexagonal Boron nitride*
27. Tom Veeken, (AMOLF), *Light management of quantum dot emission*
28. Shaojun Wang, (TU Eindhoven), *Coupling of the Two-Dimensional Semiconductors with Nanoantenna Array*
29. Stefan Wil Tabernig, (AMOLF), *Light management for emerging solar cell technologies*
30. Lucie McGovern, (AMOLF), *Ion Migration in MAPbBr₃ solar cells*
31. Isabel Barth, (University of York), *Interferometric biosensing with guided-mode resonances*
32. Magdalena Solà Garcia, (AMOLF), *Pump-probe cathodoluminescence spectroscopy on diamond NV centers*
33. Jesse Slim, (AMOLF), *Topological phononics with optomechanics*
34. Verena Neder, (AMOLF), *Combined metagratings for broad angle scattering metasurfaces*
35. Marc Noordan (TU Delft), *Second- and third- order nonlinear optical processes in few layer WS₂*
36. Pau Molet, (ICMAB-CSIC), *Managing light with high index photonic architectures*

Poster list Session 2, Thursday June 20 2019

1. Christian Dieleman, (AMOLF), *Direct Patterning of Colloidal Quantum Dots via e-beam Lithography*
2. Andrea Cordaro, (AMOLF), *High index dielectric metasurface performing mathematical operations*
3. Javier Del Pino, (AMOLF), *Synthetic gauge fields for phonon transport in a nano-optomechanical system*
4. Anatolie Mitioglu, (Radboud University), *Magneto-optical investigation of valley coherence in monolayer dichalcogenides*
5. David van der Flier, (AMOLF), *Strong coupling in tunable open-access microcavities using perovskites*
6. Gabriel Castellanos, (TU Eindhoven), *Lattice resonances in dielectric metasurfaces*
7. Nick Schilder, (AMOLF), *Towards phase-resolved cathodoluminescence*
8. Nasim Tavakoli, (AMOLF), *Combining 1D and 2D waveguiding in Ultrathin GaAs NW/Si Tandem Solar Cell*
9. Yi Wang, (TU Eindhoven), *Fabrication-tolerant mm-long grating antennas for beam steering*
10. Rui Ma, (TU Eindhoven), *Optical isolators based on IMOS platform*
11. Unai Muniain, (DIPC), *Properties of surface plasmons in palladium from first-principles calculations*
12. Tahiyat Huq, (Imperial College London), *Nanoscale Quantum Optics*
13. Marco van der Laan, (UvA), *Coexistence of Indirect and Direct Bandgap excitons in monolayer WSe₂*
14. Nils Klughammer, (TU Delft), *Single Fluorophore Detection with Zero Mode Waveguides*
15. Lukas Helmbrecht, (AMOLF), *Directional Emission and Circular Birefringence from Self-Assembled Microhelices*
16. Tahiyat Huq, (Fudan University), *Nanoscale Quantum Optics*
17. Radoslaw Kolkowski, (AMOLF), *Topology of exceptional points in active resonant metamaterials*
18. Mathijs Garming, (TU Delft), *Ultrafast laser-pump electron-probe microscopy for imaging semiconductor carrier dynamics*

Poster list Session 2, Thursday June 20 2019

19. Miguel Castillo, (International Iberian Nanotechnology Laboratory), *Towards biomimetic photosynthetic photonics*
20. Roel Burgwal, (AMOLF), *Optomechanical systems with mechanical position-squared coupling*
21. Xiaoyang Duan, (Max Planck Institute), *Dynamic plasmonic display*
22. Michele Failla, (TU Delft), *Photoexcitation of PbS Nanosheets Leads to Highly Mobile Charge Carriers and Stable Excitons*
23. Jaco Geuchies, (TU Delft), *Low threshold light amplification with electrochemically charged colloidal quantum dots*
24. Dario Grimaldi, (University of Graz), *Quantum dot photoconductivity in plasmonic gaps*
25. Gianluca Grimaldi, (TU Delft), *Controlling the Energy Alignment in QD Heterostructure films*
26. Isabelle Palstra, (AMOLF), *Hybrid cavity-antenna systems for quantum optics outside the cryostat?*
27. Mark Aarts, (AMOLF), *Additive metal nanofabrication using scanning probes*
28. Giada La Gala, (AMOLF), *State preparation and tomography of a nanomechanical resonator with fast light pulses*
29. Noémie Bonnet, (Laboratoire de Physique des Solides), *Characterization of NV centers in diamond using electrons and photons*
30. Valentin Haemmerli, (University of Exeter), *Ultrafast single photon sources*
31. Zhoumuyan Geng, (AMOLF), *Nonlinear dynamics of an oil-filled open-access microcavity*
32. Hannah Barnard, (University of Exeter), *Terahertz Complementary Split Ring Resonators*
33. Marco Valenti, (AMOLF), *Electrochemical growth of InAs*
34. Chintamani Pai, (University of Mumbai), *Magneto-photonics studies of magnetic fluids*
35. Loreta Muscarella, (AMOLF), *Carrier cooling of perovskite under hydrostatic pressure*
36. Matthias Liebrau, (AMOLF), *Mapping the radiative modes of plasmonic gold nanostars by cathodoluminescence imaging spectroscopy*
37. Silvia Ferro, (AMOLF), *Harnessing Singlet Fission for Photovoltaic Applications*
38. Rene Barczyk, (AMOLF), *Topological waveguides and cavities in silicon photonic crystals*