

Photonics Day December 6, 2019 Microcity Neuchatel

Morning Afternoon 08:30 Welcome, coffee, pastries and setting up of posters 12:20 Debdatta Ray, EDPO PhD student, EPFL Transcending conventional plasmonics with metal alloys 09:00 Introduction by EDPO 12:35 Eirini Kakkava, EDPO PhD student, EPFL 09:10 Prof. Philipp Russel, Max Planck Institute for the Science of Light, Germany Wavefront shaping and Deep Neural Networks in fiber endoscopy The curious properties of chiral photonic crystal fibres 12:50 Poster flash presentations by PhD students in 180 seconds 09:55 Prof. Kathleen Richardson, College of Optics and Photonics, University of Central Florida, USA 13:20 Group Photo Redefining material design paradigms for next generation optical materials 13:30 Lunch 10:40 Coffee break Poster session Poster session 15:00 Prof. Jerome Faist, ETH Zurich, Switzerland 11:40 2019 Thesis Distinction Recipients for Doctoral Program in Photonics QCL combs and dual comb applications 11:50 Dr Erwan Lucas, EPFL 15:45 EPFL Photonics Chapter (EPC) Presentation Soliton microcombs for low-noise microwave and optical frequency synthesis **Best Poster Award** 12:05 Dr Orly Tarun, EPFL 16:00 Dr. Christina Willis, SPIE Visiting Lecturer, USA Sustainable Networking & Adventures in Professional Development Charges at play: A molecular-level perspective of membrane hydration. Insights from imaging water at freestanding membranes

• Best poster award

Do not forget to cast your vote for best poster award before 15:00. Ballot card is at the back of your badge.

• Voting for PhD students presentations in 180 seconds

Please participate to the voting of the PhD presentation in 180 seconds at 12:50. Voting will be with your smart phone. Instructions will be given in live.

SWISS*PHOTONICS



17:00 Apero



16:45 Swissphotonics & Research Office H2020



