Photonics Day December 6, 2019 Microcity Neuchatell

Morning

08:30  Welcome, coffee, pastries and setting up of posters

09:00  Introduction by EDPO

09:10  Prof. Philip Russell, Max Planck Institute for the Science of Light, Germany
The curious properties of chiral photonic crystal fibres

09:55  Prof. Kathleen Richardson, College of Optics and Photonics, University of Central Florida, USA
Redefining material design paradigms for next generation optical materials

10:40  Coffee break
Poster session

11:40  2019 Thesis Distinction Recipients for Doctoral Program in Photonics

11:50  Dr Erwan Lucas, EPFL
Soliton microcombs for low-noise microwave and optical frequency synthesis

12:05  Dr Orly Tarun, EPFL
Charges at play: A molecular-level perspective of membrane hydration. Insights from imaging water at freestanding membranes

Afternoon

12:20  Debdatta Ray, EDPO PhD student, EPFL
Transcending conventional plasmonics with metal alloys

12:35  Eirini Kakkava, EDPO PhD student, EPFL
Wavefront shaping and Deep Neural Networks in fiber endoscopy

12:50  Poster flash presentations by PhD students in 180 seconds

13:20  Group Photo

13:30  Lunch
Poster session

15:00  Prof. Jerome Faist, ETH Zurich, Switzerland
QCL combs and dual comb applications

15:45  EPFL Photonics Chapter (EPC) Presentation
Best Poster Award

16:00  Dr. Christina Willis, SPIE Visiting Lecturer, USA
Sustainable Networking & Adventures in Professional Development

16:45  Swissphotonics & Research Office H2020

17:00  Apero

• 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.