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The EPFL Doctoral Program in Photonics presents

Photonics Day 2018

Monday December 10, EPFL-Forum Rolex



photonics.epfl.ch
phd.epfl.ch/EDPO



Photonics Day December 10, 2018

Morning

- 08:30 Welcome, coffee, pastries and setting up of posters
- 09:00 Introduction by Prof. Hatice Altug, Director of EDPO
- 09:10 Prof. Michal Lipson, Columbia University, NY, USA
Next Generation Silicon Photonics
- 09:55 Prof. Ursula Keller, ETH, Zurich, Switzerland
Optical Frequency Combs
- 10:40 Coffee break
Poster session
- 11:10 Doctoral Program in Photonics Thesis Distinction
- 11:15 Dr. Svyatoslav Kharitonov, EPFL, Lausanne, Switzerland
Unidirectional Isolator-Free 2 micron Fiber Lasers
- 11:35 Dr. Andreas Tittl, EPFL, Lausanne, Switzerland
Imaging-Based Biospectroscopy in the Palm of Your Hand
- 11:55 Group Photo
- 12:05 Lunch
Poster Session

- **Best poster award**

Do not forget to cast your vote for best poster award **before 13.30**. Ballot card is at the back of your badge.

- **Voting for PhD presentation in 180 seconds**

Please participate to the voting of the PhD presentation in 180 seconds at 15:00.

Voting will be with your smart phone. Instructions will be given in live.

Afternoon

- 13:30 Prof. Alex Gaeta, Columbia University, NY, USA
Nonlinear Mixing of Light for Random Numbers, Frequency Combs, and Quantum Information
- 14:15 EPFL Photonics Chapter (EPC) Presentation
Best Poster Award
- 14:30 Prof. Giulia Tagliabue, EPFL, Lausanne, Switzerland
Harnessing Light-Matter Interactions at the Nanoscale for Energy Conversion and Storage Devices
- 15:00 PhD Presentations in 180 Seconds
- 15:30 Coffee Break
- 15:50 Desmond Chow, EPFL, Lausanne, Switzerland
Distributed Acoustic Impedance Sensor Based on Forward Stimulated Brillouin Scattering
- 16:10 Dr. Damien Loterie, Lausanne, Switzerland
Volumetric 3D Printing
- 16:30 Dr. Bernold Richerzhagen, Synova, Nyon, Switzerland
The Fusion of Water and Light: Laser MicroJet and its Applications
- 16:50 IDEAS Program
Research Collaboration EPFL-ZEISS
- 17:00 EPFL Research & Innovation and Euresearch
Funding Opportunities in Photonics for Students, Academic Staff and Industry (H2020, National, etc.)
- 17:45 Apero (sponsored by EPC and Swissphotonics)
Poster Session