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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

Afternoon

13:30  Prof. Alex Gaeta, Columbia University, NY, USA
       Nonlinear Mixing of Light for Random Numbers, Frequency
       Combs, and Quantum Information
14:15  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
17:40  EPC Apero
       Poster Session