**ПЛЕНАРНЫЕ ДОКЛАДЧИКИ:**

**предварительная программа**

**Zhores Alferov, Academic University St. Petersburg, RAS**

*To Be Announced*

**Markus Amann, Technical University Munich**

*Semiconductor lasers for near- and far-infrared sensing and spectroscopy*

**Yasuhiko Arakawa, University of Tokyo**

*Recent advances in quantum dot lasers: Silicon photonics application, commercialization, and single dot lasers*

**Uwe Bandelow, Weierstrass Institute**

*Dynamics of optical fields in semiconductor lasers*

**Pallab Bhattacharya, University of Michigan**

*Solid state polariton lasers*

**Dieter Bimberg, TU Berlin**

*Quantum dots*

**Connie Chang-Hasnain, UC Berkeley**

*On near-wavelength optics*

**Zhangyuan Chen, Peking University**

*Key technologies for elastic optical networks*

**Vladimir Dubrovskii, Academic University St. Petersburg, RAS**

*Modeling of nanostructure growth*

**Ken Durose, University of Liverpool**

*To Be Announced*

**Alfred Forchel, University of Würzburg**

*Interband cascade lasers for the 3 to 5 µm range*

**Gadi Eisenstein, RBNI**

*To Be Announced*

**Andrew Gallant, Durham University**

*Terahertz generation and detection: what is the state-of-the-art?*

**Evelyne Gil, Pascal Institut**

*To Be Announced*

**Bernard Gil, University Montpellier 2**

*To Be Announced*

**Frank Glas, LPN CNRS**

*Nanoscale effects in nanowire formation*

**Bruno Grandidier, IEMN, Département ISEN**

*Surface science of semiconductor nanowires*

**Nicolas Grandjean, Institute of Condensed Matter Physics, Lausanne**

*GaN based nanostructures: from physics to applications*

**Hao-Chung Kuo, Chiao-Tung University**

*To Be Announced*

**James Harris, Stanford University**

*Foundations of Photonics: Epitaxy and Heterojunctions*

**Werner Hoffman, TU Berlin**

*Advanced VCSEL structure*

**Yidong Huang, Tsinghua University**

*Optomechanical cavity based on nanostructure*

**Guillaume Huyet, Tyndall National Institute**

*To Be Announced*

**Eugene Ivchenko, Ioffe Institute St. Petersburg, RAS**

*Topological states in resonant photonic crystals*

**Jonas Johansson, Lund University**

*Polytypism in III-V nanowires and its implication for optical properties*

**Martin Kamp, University of Würzburg**

*To Be Announced*

**Eli Kapon, Swiss Federal Institute of Technology Lausanne**

*Quantum dot and quantum wire systems for nanophotonics*

**Fumio Koyama, Tokyo Institute of Technology**

*High speed modulation and new functions of transverse coupled cavity VCSELs*

**Pei-Cheng Ku, University of Michigan**

*Gallium nitride nanostructures*

**Yong-Hee Lee, KAIST Seoul**

*Microcavity*

**Karl Leo, TU Dresden**

*To Be Announced*

**Yi Luo, Tsinghua University**

*Key issues for solid state lighting*

**Tobias Nowozin, TU Berlin**

*Quantum dot based memories*

**Abderrahim Ramdane, LPN CNRS**

*To Be Announded*

**Stephan Reitzenstein, TU Berlin**

*Deterministic nanofabrication technologies for the realization of efficient quantum light sources*

**Dan Ritter, Israel Institute of Technology**

*To Be Announced*

**David D. Sampson, University of Western Australia**

*To Be Announced*

**Changzheng Sun, Tsinghua University**

*Integrated photonic devices for fiber communications and microwave photonics*

**Maria Tchernycheva, Paris Sud**

*To Be Announced*

**Victor Ustinov, Ioffe Institute, St. Petersburg, RAS**

*VCSELs*

**Evgeny Viktorov, St. Petersburg University ITMO**

*QD laser timescales*

**Chih-Chung Yang, National Taiwan University**

*Development of nitride nanorod light-emitting diode array*

**Ming Wu, UC Berkeley**

*Nanophotonic LEDs and phototransistors for energy-efficient interconnects*

**Dagou Zeze, Durham University**

*To Be Announced*

**Alexey Zhukov, Academic University St. Petersburg, RAS**

*Quantum dot microring lasers*

**Alan Wilner, University of Southern California**

*To Be Announced*

**Maciej Wojtkowski, Nicolaus Copernicus University**

*To Be Announced*

**Pavel A. Belov, St. Petersburg University ITMO**

*To Be Announced*

**Alexander V. Baranov, St. Petersburg University ITMO**

*To Be Announced*

**Yurii K. Gun'ko, Trinity College Dublin and St. Petersburg University ITMO**

*To Be Announced*