

THURSDAY - 07.10.2010						
8:00	8:30	Registration				
8:30	8:45	Opening Address				
8:45	9:15	Mihail Dumitrescu	Tampere University of Technology	Finland		<i>DeLight Project: Development of low-cost technologies for the fabrication of high-performance telecommunication lasers</i>
SESSION 1						
9:15	10:00	Yasuhiko Arakawa	Tokyo University	Japan	Invited	<i>Advances and Practical Implementation of Quantum Dot Lasers</i>
10:00	10:45	Dieter Bimberg	Technical University Berlin	Germany	Invited	<i>Nanophotonics for Datacom and Ethernet</i>
10:45	11:00	Coffee break				
SESSION 2						
11:00	11:45	Pallab Bhattacharya	University of Michigan	USA	Invited	<i>Hot carrier dynamics in quantum wells and dots and high speed lasers</i>
11:45	12:05	Marcin Syperek	Wroclaw University of Technology	Poland	Contributed	<i>Carrier dynamics in GaAs-based quantum dot - quantum well tunnel injection structures</i>
SESSION 3						
12:05	12:50	Vincent Reboud	Catalan Institute of Nanotechnology	Spain	Invited	<i>Realization of photonic components by nanoimprint lithography</i>
12:50	13:10	Jukka Viheriala	Tampere University of Technology	Finland	Contributed	<i>DFB Laser Diodes Fabricated Using Soft UV-Nanoimprint Lithography</i>
13:10	14:10	Lunch				
SESSION 4						
14:10	14:40	Mircea Guina	Tampere University of Technology	Finland	Invited	<i>Dilute nitride/SOI technology platform for ultrafast optical interconnects</i>
14:40	15:00	Robert Kudrawiec	Wroclaw University of Technology	Poland	Contributed	<i>Optical properties of dilute nitride QWs as the active region of the telecommunication lasers</i>
15:00	15:20	Wojciech Rudno-Rudziński	Wroclaw University of Technology	Poland	Contributed	<i>Quantum dot - quantum well tunnel injection structures on GaAs: electronic structure and optical properties</i>
15:20	15:35	Coffee break				
SESSION 5						
15:35	16:20	Uwe Bandelow	Weierstrass Institute for Applied Analysis and Stochastics	Germany	Invited	<i>Semiconductor Lasers for High Speed Applications: Modeling and Simulation</i>
16:20	16:40	Antti Laakso	Tampere University of Technology	Finland	Contributed	<i>Modeling and Design Particularities for High-Speed Laterally-Coupled Distributed Feedback Lasers with Surface Grating</i>
16:40	17:00	Ivo Montrosset	Politecnico di Torino	Italy	Contributed	<i>Modeling of passive mode-locking Quantum Dot Lasers: a comparison between a finite-difference travelling-wave model and a delayed differential equation approach</i>
17:00	17:20	Janusz Andrzejewski	Wroclaw University of Technology	Poland	Contributed	<i>Eight-band kp electronic structure modeling of quantum dot and quantum dash structures</i>
17:20	17:40	Ivo Montrosset	Politecnico di Torino	Italy	Contributed	<i>Time domain travelling wave model of QD-DFB lasers with inhomogeneously broadened gain material</i>
18:00	20:00	Conference dinner				

FRIDAY - 08.10.2010						
SESSION 6						
08:30	09:15	Ursula Keller	ETH Zurich	Switzerland	Invited	<i>MIXSEL: a novel ultrafast semiconductor laser with multi-Watt average output power</i>
09:15	10:00	Damien Lambert	Infinera, Sunnyvale, CA	USA	Invited	<i>Status of Large-Scale Monolithic InP Photonic Integrated Circuits</i>
10:00	10:20	Alexander Gershikov	Technion, Israel Institute of Technology	Israel	Contributed	<i>A fiber parametric oscillator for the 2 μm wavelength range based on narrow band optical parametric amplification</i>
10:20	10:40	John O'Carroll	Eblana Photonics, Dublin	Ireland	Contributed	<i>Discrete Mode Laser For Uncooled Operation at 10Gbit/s</i>
10:40	11:00	Sean O'Duill	Technion, Israel Institute of Technology	Israel	Contributed	<i>Broad Band Dynamics and Noise of SOAs with Application to Microwave Phase Shifting</i>
11:00	11:15	Coffee break				
SESSION 7						
11:15	12:00	Ute Troppenz	Heinrich Hertz Institute, Berlin	Germany	Invited	<i>High Speed Directly Modulated Passive Feedback Lasers and Their Applications</i>
12:00	12:45	Abderrahim Ramdane	LPN, CNRS, Marcoussis	France	Invited	<i>Sub-picosecond pulse generation at ultra-high repetition rates using quantum dot based mode locked lasers</i>
12:45	13:05	Guilhem de Valicourt	LTCI CNRS, Paris	France	Contributed	<i>Uncooled operation of 1.55 μm DFB laser for Converged Wireless over Fiber Access Networks</i>
13:05	13:25	Mickael Faugeron	Thales Air Systems, Limours	France	Contributed	<i>High Power, Low RIN, 1.55 μm DFB Laser For Analog Applications</i>
13:25	14:30	Lunch				
SESSION 8						
14:30	15:15	Johann Peter Reithmaier	University of Kassel	Germany	Invited	<i>Low-Cost High-Speed Lasers Based on Surface Defined Lateral Gratings</i>
15:15	15:35	Ivo Montrosset	Politecnico di Torino	Italy	Contributed	<i>Enhanced Modulation Bandwidth in CCIG lasers</i>
15:35	15:55	Martin Kamp	University of Wurzburg	Germany	Contributed	<i>High speed 1.3 μm DFB lasers utilizing laterally-corrugated ridge-waveguide gratings</i>
15:55	16:10	Closing Address				