

DAY 3 Plenary Session Project Presentations		
Co-Chairmen: Stephan PASCALL, Adviser, EC, DG INFSO		
08.30-08.40	Introduction by <i>Stephan PASCALL, Adviser, EC, DG INFSO</i>	
08:40-08:50	F. Balestra <i>(Enserg, France)</i> NoE NANOSIL (FP7) and SINANO Institute	Nanoelectronics
08:50-09:00	L. Pfitzner <i>(FhG-IISB, Germany)</i> IP SEANET (FP6)	
09:00-09:10	A. Nasiopoulou <i>(IMEL, Greece)</i> DUALLOGIC (FP7)	
09:10-09:20	Prof. Kasper <i>(Stuttgart Univ., Germany)</i> Self-Organised Nanostructures (FP7)	
09:20-09:30	Paolo Pavan <i>(IU.NET):</i> Deca-nanometer CMOS; SNW, CNT; Nonvolatile memories; PCM; NROM/SONOS.	
09:30-09:40	Olof Engstrom <i>(Chalmer University of Technology):</i> 1 High-k materials for future gate stacks; 2 Preparation and investigation of quantum dot structures	
09:40-09:50	Dr. Vyurkov <i>(Inst. Phys. Technol., RF)</i> Quantum simulation of field effect transistors	
09:50-10:00	J. Back <i>(Micronic, Sweden)</i> Cooperation in high end mask manufacturing	
10:00-10:10	Korneev <i>(Moscow State Pedagogical University)</i> 1 Quantum cryptography 2 Unamplified long-distance optical communication	
10:10-10:20	Dr. L. Kuzmin <i>(Chalmers University)</i> Cold electron bolometers and other	
10:20-11:20	Refreshment Break and Networking	
11:20-11:30	Dr. H. G. Limberger <i>(Ecole Polytechnique Federal, Switzerland)</i> Bi-doped optical fibers: Photosensitivity, luminescence active centers, gain, and application	Photonics
11:30-11:40	Dr. T. Lipinskas <i>(Altechna Co. Ltd., Lithuania)</i> Actively Q-switched Minilaser	

11:40-11:50	Oleg Antipov <i>(Institute of Applied Physics of Russian Academy of Science):</i> Novel mid-IR solid-state lasers for environmental and medical applications	
11:50-12:00	Dr. Mikhail Gan <i>(Sankt Peterburg State University, RF)</i> Research and development of phase controlling system for nanoimaging DUV optics	
12:00-12:10	Dr. E. Rafailov <i>(School of Engineering and Physics, UK)</i> Fast Dot (FP7)	
12:10-12:20	Dr. W. Whelan-Curtin <i>(University of St Andrews, UK)</i> ePIXnet (FP6)	
12:20-12:30	Dr. A. Tchelnokov <i>(CEA Grenoble, France)</i> PhotonFab (FP7)	
12:30-14:00	Lunch Break and Networking	
14:00-14:10	Dr. A. Shamray <i>(Information Optics Ltd., RF)</i> A novel modulation format based on the change of an optical spectrum shape	Photonics
14:10-14:20	Henry Boesel <i>(Carl Zeiss Optronics GmbH)</i> AMASS / Aim	
14:20-14:30	Dr. D. Rogatkin <i>(Moscow Regional Research and Clinical Institute, RF)</i> Biophotonics/medical Project	
14:30-14:40	Prof. L. Bolotine <i>(Research Center for Automatic Control/ CNRS, France)</i> Photodynamic therapy (PDT)	
14:40-14:50	I. Sildos <i>(University of Tartu, Estonia)</i> Optical nanofibres	
14:50-15:00	Remi Demerle <i>(Automotive & ITS, France)</i> eCall tests in Europe, ideas and solutions for GNSS tolling systems	ICT for Transport
15:00-15:10	S. Stevenin <i>(MISAR)</i> SWARCO	
15:10-15:20	Questions	
15:20-16:20	Refreshment Break and Networking	
16:20-16:30	Prof. Oleg Salychev <i>(Bauman Moscow State Technical University and University of Calgary, Technical director in TeKnol LLC)</i> GNSS-aided inertial navigation system	ICT for Transport
16:30-16:40	Heinz Sodeikat <i>(Germany)</i> Increased safety through speed and red light enforcement	

16:40-16:50	Igor Schagaev <i>(London Metropolitan University)</i> Theory and implementation of active systems (TIAS); Control reconfigurable aircraft network (CRAN); Active black box (ABB)	
16:50-17:00	Grigori Fursin <i>(Research Scientist at INRIA, France)</i> MILEPOST Project: Machine Learning for Embedded Programs Optimisation	Embedded Systems
17:00-17:10	Valeri Skliarov <i>(Electronics, Telecommunications and Informatics Department (DETIUA), University of Aveiro, Portugal)</i> Reconfigurable architectures and design methodology for FPGA-based self-testable embedded systems	
17:10-17:20	Alexander Petrenko <i>(Software Engineering Department, Institute for system Programming RAS, RF)</i> Linux Drivers Verification	
17:20-17:30	Yuri V. Mitrishkin <i>(Bauman Moscow State Technical University (BMSTU): Development, Modeling, and Application of Embedded Control Systems for Dynamical Plants</i>	
17:30-17:40	Dr. Serge Kernbach <i>(University of Stuttgart, Germany)</i> Large-Scale Integrated Projects "I-Swarm" and "Symbrion"	
17:40-17:50	Olga Kozhunova <i>(Institute for Informatics Problems of the Russian Academy of Sciences (IPI RAN)</i> ICT goal-oriented impacts on emerging knowledge and tracing its evolution in evaluation system	FETs
17:50-18:00	Victor Erokhin <i>(Department of Physics, University of Parma, Italy)</i> BION: Synthetic pathways to bio-inspired information processing	
18:00-18:10	Dr. A. Ustinov <i>(University of Karlsruhe)</i> ICT FET Open Project SCOPE and MIDAS (2008-2011)	
18:10-18:20	Questions	
18:10-18:20	Closing remarks by <i>Stephan PASCALL, Adviser, EC, DG INFSO</i>	