

FASTDOT School Program

Wednesday, 14 September 2011	
5:00 pm to 7:30 pm	Registration
Thursday, 15 September, 2011	
9:00 am to 9:30 am	Registration
9:30 am to 10:30 am	Paras N. Prasad Title: Biophotonics
10:30 am to 11:00 am	Break
11:00 am to 12:00 pm	Sir Alfred Cuschieri Title: Nanotechnology for health
12:00 pm to 1:00 pm	Valery V. Tuchin Title: A clear vision through tissues: enhanced optical imaging and therapy
1:00 pm to 2:30 pm	Lunch Break
2:30 pm to 3:30 pm	Ursula Keller Title: Introduction to ultrafast VECSELS and MIXSELS
3:30 pm to 4:30 pm	Giulio Cerullo Title: Primary photoinduced events in biomolecules studied by tunable few-optical-cycle light pulses".
4:30 pm to 5:00 pm	Break
5:00 pm to 6:00 pm	James Ferguson Title: Aspects of Diagnostic and Therapeutic Photodermatology
6:00 pm to 7:00 pm	Andrei Kabashin Title: Plasmonic Biosensors
Friday, 16 September, 2011	
9:00 am to 10:00 am	Peter Andersen Title: Optical coherence tomography
10:00 am to 11:00 am	Grigorii Sokolovskii Title: Laser diode beam manipulation and analysis
11:00 am to 11:30 pm	Break
11:30 pm to 12:30 pm	Gert't Hoof Trends in Photonics for Healthcare
12:30 pm to 2:00 pm	Lunch Break

2:00 pm	Visit to FORTH
3:00 pm	<i>German made microscopes for science, 1800 – 1920</i> (Timo Mappes) FORTH AMPITHEATRE
6:00 pm	Visit to Archanes
8:00 pm	School dinner
Saturday, 17 September, 2011	
9:00 am to 10:00 am	Andrei Rode Title: Beam Shaping
10:00 am to 11:00 am	Dmitrii Rogatkin Title: Laser-based non-invasive diagnostic systems for medicine
11:00 am to 11:30 pm	Break
11:30 pm to 12:30 pm	Stelios Tzortzakis Title: THz generation and applications
12:30 pm to 2:30 pm	Lunch
2:30 pm to 3:30 pm	Aleksander Ovsianikov Title: Direct Laser Writing: Biomedical Applications
3:30 pm to 4:30 pm	Timo Mappes Title: On-chip lasers for biophotonic lab-on-a-chip systems in polymer
4:30 pm to 5:00 pm	Break
5:00 pm to 6:00 pm	Hjalar Brismar Title: High resolution microscopy
6:00 pm to 7:00 pm	Holger Moench Title: Vertical Cavity Lasers and their Applications
Sunday, 18 September, 2011	
9:00 am to 10:00 am	Pablo Loza-Alvarez Title: Polarization sensitive Second-Harmonic Generation Microscopy
10:00 am to 11:00 am	Maria Ana Cataluna Title: FAST and CURIOUS - Generation of ultrashort pulses from quantum-dot lasers
11:00 am to 11:30 pm	Break
11:30 pm to 12:30 pm	Carsten Reinhardt

	Title: Nanophotonics
12:30 pm to 2:30 pm	Lunch
2:30 pm to 3:30 pm	Stavros Pissadakis Title: Fiber optic sensors for health and biological applications
3:30 pm to 4:30 pm	Irene Athanassakis Title: Meeting with Photonics to solve Biological Problems
4:30 pm to 5:30 pm	Giannis Zacharakis Title: Biophotonics in the era of molecular imaging