WINTER COLLEGE ON
MICRO AND NANO PHOTONICS FOR LIFE SCIENCES
11-22 February 2008

Venue: ICTP Main Building
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LAMP Poster session I

Thursday, 14 February 2008, 16:30-18:00

(board n.)	*Title*	**Author,** affiliation
(1)	*Light-induced second harmonic generation in nematic liquid crystals*	**Violetta Amirovna Enikeeva,** M.V. Lomonosov Moscow State University, Moscow, Russian Federation
(2)	*Combination of Laser-induced Chlorophyll Fluorescence Ratio and Fishers Linear Function as a tool for Sex Screening of Dioecious plants: - Case study of Nutmeg (Myristica fragrans Houtt)*	**Benjamin Anderson**, University of Cape Coast, Cape Coast, Ghana
(3)	*Organic conductive films for holographic register*	**Maria Paz Hernandez Garay**, Instituto Nacional de Astrofisica, Puebla, Mexico
(4)	*Spectral Imaging and Microscopy of Photoemission Spectra*	**Wilma Ramilo Oblefias**, University of the Philippines, Quezon City, Philippines
(5)	*Fabrication of Diffractive Optical Elements (DOEs) using direct laser writing*	**Francisco Javier Salgado-Remacha**, Complutense University of Madrid, Madrid, Spain
(6)	*Surface Plasmon Resonance fiber-based bio-sensor*	**Yanina Shevchenko**, Carleton University, Ontario, Canada
(7)	*Carbon Nanotubes: "Synthesis of CNTs"*	**Rodrigo Andres Soto Garrido**, Universidad Tecnica Federico Santa Maria, Valparaiso, Chile

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(8) *Spectroscopic studies of the interaction of new cationic porphyrins with DNA*
Lusine Aloyan, Yerevan State University, Yerevan, Armenia

(9) *Accurate Description of Light Propagation in Lossy Photonic Crystal Fibers*
Felipe Beltran Mejia, Universidad de Valencia, Valencia, Spain

(10) *Synthesis, fabrication and optical properties in nanofluids of Au-metal nanoparticles dispersed in K-30 N-polyvinyl pyrrolidone -a biosensor*
Akhilesh Mishra, Indian Institute of Technology, Kharagpur, India

(11) *Modeling Deformation and Flow of Infected Plasmodium Falciparum Erythrocytes in Capillary Blockage by An Optical Tweezers Experiment*
Bonsu Mensah Osei, Eastern Connecticut State University, Willimantic CT, U.S.A.

(12) *Optical images with nanometric resolution*
Franco Alberto Scarpettini, Universidad de Buenos Aires, Buenos Aires Argentina

(13) *Self-imaging phenomenom with rough diffraction gratings*
Francisco Jose Torcal Milla, Universidad Complutense De Madrid, Madrid, Spain

(14) *A mode-mismatched thermal lens experiment for low absorption measurement*
Humberto Cabrera Morales, Instituto Venezolano de Investigaciones Cientificas, Caracas, Venezuela

(15) *Optical Manipulation Of Cells And Bacteria In Microchannel Using Optical Tweezer*
Rajesh Vishwanath Kanawade, University of Pune, Pune, India

(16) *Single-molecule study of dynamical processes in terrylene-doped biphenyl single crystals*
Martti Pars, University of Tartu, Tartu, Estonia

(17) *Microcircuit rewiring in the healthy and diseased brain*
Guilherme Testa Silva, Ecole Polytechnique Federal de Lausanne, Lausanne, Switzerland

(18) *Bored Helical Phases*
Nathaniel II Placido Hermosa, Ateneo de Manila University, Quezon City, Philippines

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(19) *Labelfree investigation of drug dependent water dynamics in single living cells by near infrared microscopy*
Justine Gloria Luise Mondry, Ruhr Universitat Bochum, Bochum, Germany

(20) *Probing soft matter through microrheological techniques*
Ammannappa Raghu, Bangalore University, Karnataka, India

(21) *Project of an Optical Stretcher for Applications in a Biological Environment*
Lorenzo Ferrara, University of Pavia, Pavia, Italy

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