Marie Curie Actions
Nano2fun
Initial Training Network

Nanochemistry of molecular materials for 2-photon functional applications

PARMA, MAY 10-12, 2017
Centro Congressi Santa Elisabetta and Sala Congressi Delle Scienze (Q02)
Parco Area Delle Scienze – Campus

AGENDA OF THE CONFERENCE

	May 10, 2017	May 11, 2017	May 12, 2017
09:00-9:15		**Nano2Fun Supervisory Board meeting**	**Session 6:** Nonlinear Spectroscopy
09:15-9:30			
09:30-09:45			
09:45-10:00			**Session 7:** 2-Photon Polymerization (part 2)
10:00-10:15		**Session 2:** Optical Spectroscopy	
10:15-10:30			
10:30-10:45			**Coffee Break**
10:45-11:00			
11:00-11:15		**Coffee Break**	**Session 8**: Fluorescent Organic Nanoparticles & Imaging
11:15-11:30			
11:30-11:45		**Session 3:** 2-Photon Absorbers & Fluorophores (part1)	
11:45-12:00			
12:00-12:15			
12:15-12:30			
12:30-14:00	**Registrations**	**Lunch**	**Lunch**
14:00-14:30		**Session 4:** 2-Photon Absorbers & Fluorophores (part 2)	**MSCiA**: boosting your career (Congress Center Q02)
14:30-14:45	**Welcome**		
14:45-15:00		**Session 5:** 2-Photon Polymerization (part 1)	
15:00-15:30	**Session 1:** Theoretical Modelling		
15:30-15:45			
15:45-16:00		**Coffee Break**	
16:00-16:30			
16:30-17:00	**Coffee Break**	**MSCiA:** research and innovation opportunities for all	
17:00-17:30	**Poster Session**		
17:30-18:00			
18:00-18:30			
20:00		**Social Dinner**	

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IEEE Photonics Society ITALY CHAPTER

ALUMNI e AMICI UNIVERSITÀ DI PARMA

Parma Photonics

Red: Nano2Fun Fellow **Blue: Senior Nano2Fun Scientist** **Green: Invited Speaker**

May 10, 2017

12:30-14:30 **Registrations**

14:30-15:00 **Welcome**

Session 1: Theoretical Modelling

15:00-15:30 **Fabrizio Santoro** (ICCOM-CNR, Pisa, Italy), *Vibronic Effects On Optical Properties And Nonadiabatic Photophysics. A Quantum/Classical Dynamical Approach*

15:30-15:45 **Silvia Illa Tuset** (JNCASR, Bangalore, India & ICMAB-CSIC, Barcelona, Spain), *Quatsomes Loaded With Dyes: Molecular Dynamic Simulations And Quantum Mechanics Calculations*

15:45-16:15 **Swapan K. Pati** (JNCASR, Bangalore, India), *Computational Modelling Of Charge Carrier Mobilities In Extended Two And Quasi Two Dimensional Solids*

16:15-16:30 **Somananda Sanyal** (University di Parma, Italy), *Hyper-Rayleigh Scattering Of Linear Aggregates Of Polar Dyes: Amplified Response From Electrostatic Interactions*

16:30-17:00 **Coffee Break**

17:00-18:30 **Poster Session**

May 11, 2017

09:00-10:00 **Nano2Fun Supervisory Board meeting**

Session 2: Optical Spectroscopy

10:00-10:30 **Vladimir Tomin** (Pomeranian University in Slupsk, Poland), *Violation Kasha's Rule And New Facilities Of Life Sciences*

10:30-10:45 **Domna-Maria Nikolaidou** (University of Parma, Italy), *Novel Excimer-Forming Emissive Materials From Organic Radicals*

10:45-11:00 **Siarhei Kurhuzenkau** (University of Parma, Italy), *Optical Properties, Photostability And Resonance Energy Transfer In Dye-Loaded Quatsomes*

11:00-11:30 **Coffee Break**

Session 3: 2-Photon Absorbers & Fluorophores (part 1)

11:30-12.00 **Daniel T. Gryko**(Polish Academy of Sciences, Warsaw,Poland) *π-Expansion Of Diketopyrrolopyrroles Leads To Large Two-Photon Brigtness*

12:00-12:30 **Imma Ratera** (ICMAB-CSIC, Barcelona, Spain), *Molecular And Supramolecular Strategies For Highly Luminescent Trityl Radicals And Their Sensing Applications*

12:30-14:00 **Lunch**

Session 4: 2-Photon Absorbers & Fluorophores (part 2)

14:00-14:30 **Kevin Belfield** (New Jersey Institute of Technology, USA) *title to be announced*

14:30-14:45 **Maxime Klausen** (University of Bordeaux, France) *Cooperative Veratryle And Nitroindoline Cages For Two-Photon Uncaging Using Near Infrared Light*

Session 5: 2-Photon Polymerization (part 1)

14:45-15:15 **Ioanna Sakellari** (Foundation for Research and Technology, Greece), *Quantum Dot Based And Metallic Nanostructures By Direct Laser Writing*

15:15-15:30 **Dzmitryi V. Ushakou** (Pomeranian University in Slupsk, Poland), *Control Of Polymerization Processes Using Esipt-Based Fluorescent Probes*

15:30-15:45 **Maria Surnina** (Laser Zentrum Hanover, Germany) *Characterization Of Materials For 3D Rapid Prototyping*

15:45-16:30 **Coffee Break**

16:30-18:30 **Marie Skłodowska-Curie in Action: Research And Innovation Opportunities For All.**
Round table with **Klaus-Günther Barthel**, Head of Unit A1 MSC-ITN, European Commission Research Executive Agency

May 12, 2017

Session 6: Nonlinear Spectroscopy

09:00-09:30 **Eric Van Stryland** (CREOL, University of Central Florida, USA), *Impulse Response Functions In Nonlinear Optics*

09:30-09:45 **Valentina Pia** (University of Antwerp, Belgium), *Non-Linear Optical Properties Of Push-Pull TTF-π_n-PTM Radicals*

Session 7: 2-Photon Polymerization (part 2)

09:45-10:15 **Yulia Kiyan** (Medical School Hannover, Germany) *In Vitro Angiogenesis In Microfluidic Chips For Microcirculation Study, Disease Modelling, And Animal Experiments Replacement*

10:15-10:30 **Dimitrii Perevoznik** (Laser Zentrum Hanover, Germany), *3D Printing Of Polymer Structures By Two-Photon Polymerization Using Q-Switched Microchip Laser*

10:30-11:00 **Coffee Break**

Session 8: Fluorescent Organic Nanoparticles & Imaging

11:00-11:30 **Giuseppe Vicidomini** (Italian Institute of Technology, Genova, Italy) *title to be announced*

11:30-11:45 **Paolo Pagano** (University of Bordeaux, France), *Engineering Of Hyperbright And Stable Fluorescent Organic Nanoparticles*

11:45-12:15 **Nora Ventosa** (ICMAB-CSIC, Barcelona, Spain), *New Fluorescent Nanovesicles, By Self-Assembly Of Organic Fluorophores, Sterols And Surfactants, As Probes For Bioimaging*

12:15-12:30 **Santi Sala** (Nanomol Technologies SL, Barcelona, Spain) *Scale-Up Of Delos-Susp™ To Produce Lipid-Based Nanocarriers For Drug Delivery And Bioimaging*

12:30-14:00 **Lunch**

14:00-16:00 **Marie Skłodowska-Curie in Action: boosting your career***with **Klaus-Günther Barthel**, Head of Unit A1 MSC-ITN, European Commission Research Executive Agency, & **Matthias Gester** Principal Scientist at Procter&Gamble

* this event will take place at the **Congress Center Q02**