

**XIII International Krutyń Summer School 2013,  
Krutyń, Masurian Lake District, Poland, May 21-27, 2013  
<http://biomedicine.ikss.eu/>**

**"Advanced photo- and electrically active molecular  
and nano-materials at the interface with living  
systems: challenges and promises for the future bio-  
medicine"**

**GENERAL INFORMATION & GOAL**

This XIII International Krutyn Summer School – "Advanced photo- and electrically active molecular and nano-materials at the interface with living systems: challenges and promises for the future bio-medicine" - is organized by the University of Bari "Aldo Moro" Italy, Polish Supramolecular Chemistry Network Foundation, and the Institute of Physical Chemistry of the Polish Academy of Sciences, Poland. The School is conceived as a high-level and highly intensive scientific event focusing on cutting-edge know-how on organic & hybrid materials for bio-medicine.

This Summer School aims at the state-of-the-art training in the form of lectures and consulting sessions designed for Ph.D. students and young researchers seeking to reinforce their knowledge and skills in the exciting frontier field of molecular photonic/electronic materials and active nanostructures at the interfaces with biology and living systems, mainly for bio-medical applications (diagnosis, therapy, cells and tissues communications, staining, sensing and detection). Top experts from different scientific backgrounds in this interdisciplinary area will deliver lectures and consulting sessions. The school is intended both for people already active in this R&D field, as well as for those new to the field. A number of social events will be also proposed to relax after the heavily-scheduled program, including: bonfire, boats on Krutynia River, guided or individual out-door activities (kayaking, trekking, horse-riding, bikes, Nordic walking, ballooning, etc.). The Local Organizing Committee cordially invites you to take part in this Summer School.

**VENUE**

The School will be held in a picturesque and romantic summer resort – the village Krutyn – in Masurian Lake District, easily accessible from Warsaw, by public buses, but transportation from Warsaw to Krutyn will be provided by the organizers on May 21<sup>st</sup> (details on page 2). The Conference Centre "MAZUR-SYRENKA" provides an excellent conference and accommodation services.

**SUMMER SCHOOL 2013 SITE :** [www.mazursyrenka.com](http://www.mazursyrenka.com)

**LIMITED PARTICIPATION NUMBER**

In order to meet our quality requirements, the number of participants (excluding the lecturers) is **limited to 70**, therefore please, register as early as possible.  
A waiting list will be installed.

**SCIENTIFIC PROGRAMME**

**Theoretical background**

1. basics for organic photo/electrically active organic and nanomaterials for biology
2. basics for electrical and optical stimulations for cells and tissues
3. Nanomaterials for biology

**Academic research**

1. Organic semiconductors and neurons
2. Organometallic complexes for in vivo assembly
3. Hybrid bio-organic structures

**Technological aspects**

1. New diagnostics from luminescent materials
2. Artificial retina from organic semiconductors
3. industrial interest in bio-electronics
4. industrial and business perspectives

**INVITED LECTURERS**

- Prof. Luisa De Cola, ISIS Strasbourg, France
- Prof. Guglielmo Lanzani, Polytechnic of Milano, Italy
- Prof. Gianluca Farinola, Bari University, Italy
- Prof. Agneta Richter Dahlfors, Karolinska Institute Stockholm, Sweden
- (Philips Research Eindhoven)
- Prof. Roisin Owens, Ecole Nationale Supérieure des Mines de Saint Etienne, France
- Prof. Adolfo Speghini, University of Verona, Italy
- Prof. Claude Sirlin, ULP, Strasbourg, France
- Prof. Mireille Blanchard, Université Bordeaux 1 CNRS, France
- Prof. Gonzalo Cosa, McGill University, Canada
- Prof. Muriel Hissler, Rennes 1 University, France
- Prof. Barbara Ventura, ISOF-CNR, Bologna Italy
- Dr Eric Glowacki, Linz University, Austria

**BUSINESS OPPORTUNITIES AND TECHNOLOGICAL TALKS**

**Given by industrial experts and/or Sponsor's Representatives**

**HOW TO PARTICIPATE?**

Registration only on-line

**FEE: in EURO 350, Accompanying person: 400 € (accommodation, full board, excursion, bonfire, transport)**

**FEE includes:** access for participation + training materials (printed abstracts, pens, certificate of participation, DVD with all lectures as PDF files, and a collection of Summer School pictures), **medical services on-site**, and coach transport from Warsaw to Krutyn and back.

**HOTEL COST:** standard 400 € (double room) 500 € (single room, **deadline for reservation: 5<sup>th</sup> February 2013, due to the limited number of single rooms**), After the payment deadline of March 30<sup>th</sup>: 500 and 600 €, respectively, including an accommodation (six nights), full board, and social events (excursion & bonfire).

**IMPORTANT: Bank operational costs are to be born by participants**

**REGISTRATION**

Please, note there is no pre-registration. Your registration will be considered as your commitment to the Summer School participation. Please, register on-line via the website. Please, note that only academic or industrial e-mail addresses will be accepted by the electronic registration. Your registration and professional education will be examined, and could be

rejected in case of doubt (E.g. unclear universities, private e-mails, such as hotmail.com, yahoo!, Gmail, etc.)

#### ACCOMMODATION & TRAVEL DETAILS

**Accommodation:** Lecturers in single rooms, participants in double rooms (you may indicate your room mate while registering on line, if relevant). A limited number of single rooms can be made available for participants on "first-come-first-serve" basis.

**Travel to Krutyń: by coach on May 21<sup>st</sup>**

The Organizers will provide two coaches from the Institute of Physical Chemistry of the Polish Academy of Sciences on May 21<sup>st</sup>, at 16.00. Participants who must arrive one day earlier, due to air connections, may book an accommodation – Warsaw has a large offer of middle-class hotels – before departure to Krutyń, to be able to travel on May 21<sup>st</sup>. Excellent website for hotel booking is available at: <http://www.booking.com> It is highly recommended to arrive before noon on May 21<sup>st</sup>, if possible. Departure from Krutyń to Warsaw on May 27<sup>th</sup> at 8.00 a.m.

#### IMPORTANT DEADLINES:

single room, deadline for reservation: 5th February 2013

Deadline for registration: March 15<sup>th</sup>

Deadline for fee payment: March 30<sup>th</sup>

Deadline for poster A4/abstract: April 30<sup>th</sup>

Deadline for presentations upload: May 10<sup>th</sup>

Cancellations: before April 20<sup>th</sup> fee will be returned, after April 20<sup>th</sup> no refund will be possible.

Cancellations of full board & accommodation should be negotiated directly with MAZUR-SYRENKA within the same dates.

#### CONTACT:

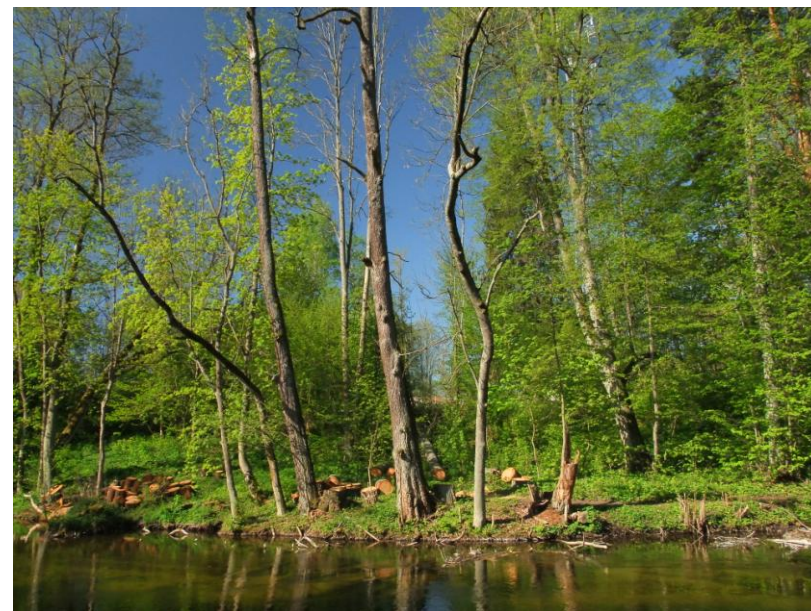
Prof. Marek Pietraszkiewicz, IKSS2013 Director

e-mail: [mpietraszkiewicz@ichf.edu.pl](mailto:mpietraszkiewicz@ichf.edu.pl)

Prof. Gianluca Farinola IKSS2013 Director

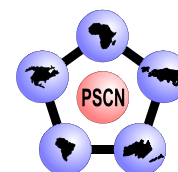
e-mail: [gianluca maria.farinola@uniba.it](mailto:gianluca maria.farinola@uniba.it)

#### Medial patronage



## International Krutyń Summer School 2013

#### Organizers:



Università degli Studi di Bari "Aldo Moro"  
The Polish Supramolecular Chemistry Network Foundation  
The Institute of Physical Chemistry of the Polish Academy of  
Sciences, Poland