

XVIIth International Krutyn Summer School 2015

Krutyn, Masurian Lake District, Poland,

June 14-20, 2015

<http://lumlanthmat.ikss.eu/>

"Breaking Through Experimental, Theoretical and Applications of Advanced Luminescent Lanthanide-Based Materials"

GENERAL INFORMATION & GOAL

This XVIIth International Krutyn Summer School - "Breaking Through Experimental, Theoretical and Applications of Advanced Luminescent Lanthanide-Based Materials"- is organized by the Institute of Physical Chemistry of the Polish Academy of Sciences, Poland, and Universidade Federal de Pernambuco, Brazil. The School is conceived as a high-level and highly intensive scientific event focusing on cutting-edge know-how on inorganic and organic aspects of advanced luminescent materials based on lanthanide compounds. The Co-Chairman and Scientific Director is Professor Oscar Loureiro Malta, world-distinguished expert on lanthanide chemistry and physics, and the summer school is also to celebrate his 60th birthday as well as his outstanding contribution to the field of lanthanide R&D.

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 field of inorganic and organic aspects of advanced luminescent materials. Top experts in this 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: discotheque, bonfire, boats on Krutynia River, guided, or individual out-door activities (kayaking, trekking, horse-riding, bike, Nordic walking, sailing, high-class 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 June 14 (for details see page 2). The Conference Complex "MAZUR-SYRENKA" ensures an excellent conference and accommodation services.

SUMMER SCHOOL SITE : 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. Principles of luminescence mechanisms
2. Group theory aspects and selection rules
3. Nonlinear optical processes

4. Theory and modeling of nanostructured materials

Academic research and technological aspects

1. Fabrication, micro and nano-structuring of photonic materials
2. Luminescent nanoparticles and nanocomposites
3. Luminescent lanthanide materials and medical diagnostics
4. Biophotonics, microfluidics and actuators

Applications

1. Optical amplifiers and lasers
2. Imaging
3. Optical markers and sensors
4. LEDs and OLEDs
5. Scintillators
6. Industrial developments and perspectives

INVITED LECTURERS (confirmed)

Prof. Cid B. de Araújo, Universidade Federal de Pernambuco, Brazil

Prof. John Capobianco, Concordia University, Canada

Prof. Cees Ronda, Philips, The Netherlands

Prof. Wieslaw Strek, Institute of Low Temperatures & Structural Research, PAS, Poland

Prof. Jean-Claude G. Bünzli, Swiss Federal Institute of Technology Lausanne, Switzerland

Prof. Ricardo L. Longo, Universidade Federal de Pernambuco, Brazil

Prof. Rute A.S. Ferreira, University of Aveiro, Portugal

Prof. Luís Dias Carlos, Universidade de Aveiro, Portugal

Prof. Sidney Ribeiro, São Paulo State University- UNESP, Brazil

Prof. Oscar L. Malta, Universidade Federal de Pernambuco, Brazil

Dr Patricia Haro González, Universidad Autónoma de Madrid, Spain

Prof. Dr. Ulrich Kynast, University of Applied Sciences, Münster, Germany

Prof. Dr. Markus Pollanu, School of Information and Communication Technology, Sweden

HOW TO PARTICIPATE?

Registration only on-line

FEE: 900 PLN (225 €), Accompanying person: 2300 PLN: accommodation, full board, excursion, bonfire, transport, social events (575 €).

FEES 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 (single room for regular participants deadline for reservation: 15th March 2015, due to the limited number (10) of single rooms), including an accommodation (six nights), full board, and social events (excursion & bonfire).

Fee: 900 PLN, or 225 €			
Full Board and Accommodation, 6 nights			
Double room in PLN	Single room in PLN	Double room in €	Single room in €
2300	2700	575	675
After payment deadline			
2500	2900	625	725

IMPORTANT: Bank operational costs are to be borne 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. unknown 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 from the Institute of Physical Chemistry, PAS, on June 14th

The Organizers will provide two coaches from the Institute of Physical Chemistry of the Polish Academy of Sciences, Warsaw, Kasprzaka str., 44/52, on June 14th, 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 June 14th. Excellent website for hotel booking is available at: <http://www.booking.com> It is highly recommended to arrive before noon on June 14th, if possible. Departure from Krutyń to Warsaw on June 20th at 8.00 a.m.

IMPORTANT DEADLINES:

single room, deadline for reservation: 15th March 2015

Deadline for registration: April 15th

Deadline for fee payment: April 30th

Deadline for poster A4/abstract: May 20th

Deadline for presentations upload: May 25th

Cancellations: before May 10th fee will be returned, after May 10th no refund will be possible.

CONTACT:

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Professor Oscar Loureiro Malta, Scientific Director

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Medial patronage



International Krutyń Summer School 2015

Organizers:

The Institute of Physical Chemistry of the Polish Academy of Sciences, Poland



Universidade Federal de Pernambuco, Brazil