

**XIVth International Krutyn Summer School 2013,
Krutyn, Masurian Lake District, Poland, June 11-17, 2013**

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

**"Optical Lanthanide Materials: New Horizons by
Tailored Designs"**

GENERAL INFORMATION & GOAL

This XIVth International Krutyn Summer School — "**Optical Lanthanide Materials: New Horizons by Tailored Designs**"- is organized by Philips, The Netherlands, Polish Supramolecular Chemistry Network Foundation, University of Siegen, Germany, 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 inorganic and organic aspects of advanced luminescent materials based on lanthanide compounds.

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 11 (for details see page 2). The Conference Centre "MAZUR-SYRENKA" ensures an excellent conference and accommodation services.

SUMMER SCHOOL 2013 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. Excitation and emission mechanisms
2. Term symbols and group theoretical aspects
3. Exchange coupled systems
4. Point defects

Academic research

1. Lanthanide emission
2. Up- and down conversion

3. Luminescent quantum dots
4. Photochemistry
5. Pressure dependent optical properties

Technological aspects

1. LED phosphors
2. Scintillators
3. Luminescent materials for solar cells
4. Ceramic luminescent materials
5. Instrumentation

INVITED LECTURERS (list incomplete)

Prof. C. Ronda, Philips, The Netherlands
Prof. M. Pollnau, University Twente, the Netherlands
Dr. Herfried Wieczorek, Philips Research Eindhoven, the Netherlands
Dr. Andrea Barbieri, ISOF, Bologna, Italy
Prof. Dr. Claudia Wickleder, University Siegen, Germany
Prof. Pieter Dorenbos, Delft University of Technology, The Netherlands
Prof. Koen Binnemans, Katholieke University Leuven, Belgium

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: 5th February 2013, due to the limited number of single rooms**), After the payment deadline of **May 10th**: 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. 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 on June 11th

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 11th, 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 11th. Excellent website for hotel booking is available at: <http://www.booking.com> It is highly recommended to arrive before noon on June 11th, if possible. Departure from Krutyń to Warsaw on June 17th at 8.00 a.m.

IMPORTANT DEADLINES:

single room, deadline for reservation: 5th March 2013

Deadline for registration: April 15th

Deadline for fee payment: May 10th

Deadline for poster A4/abstract: May 20th

Deadline for presentations upload: May 25th

Cancellations: before May 20th fee will be returned, after May 20th no refund will be possible.

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

CONTACT:

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Prof. Claudia Wickleder, IKSS2013 Director

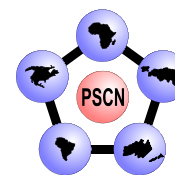
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Medial patronage



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Organizers:



Philips, The Netherlands
The University of Siegen, Germany
The Polish Supramolecular Chemistry Network Foundation
The Institute of Physical Chemistry of the Polish Academy of Sciences, Poland