

XXIth International Krutyn Summer School 2016

Krutyn, Masurian Lake District, Poland,

September 4-10, 2016

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

“Lanthanide-doped materials: Fabrication, spectroscopy, and their applications to lasers”

GENERAL INFORMATION & GOAL

This XXIth International Krutyn Summer School - “Lanthanide-doped materials: Fabrication, spectroscopy, and their applications to lasers”. - is organized by the Institute of Physical Chemistry of the Polish Academy of Sciences, Poland, and School of Information and Communication Technology, KTH - Royal Institute of Technology, Sweden. 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 advanced lanthanide materials for lasers. 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, bikes, Nordic walking, 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 September 4th (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.

TENTATIVE SCIENTIFIC PROGRAMME

1. Rare-earth spectroscopy
2. Single rare-earth-ion spectroscopy
3. Spectroscopy of rare-earth-doped nano-crystals
4. Rare-earth-doped crystals and glasses
5. Rare-earth-doped solid-state-laser materials
6. Fiber and waveguide fabrication
7. Introduction to lasers and laser theory
8. Rare-earth-doped fiber, thin-disk, and random lasers
9. Rare-earth-doped waveguide amplifiers and lasers

INVITED LECTURERS (not confirmed)

Dr. Sara Garcia-Revilla, University of the Bask Country, Bilbao, Spain
Prof. Jonathan Bradley, McMaster University, Hamilton, Ontario, Canada
Prof. Andy Clarkson, University of Southampton, United Kingdom
Prof. Stephan Götzinger, Max Planck Institute for the Science of Light, Erlangen, Germany
Prof. Heike Ebendorff-Heidepriem, University of Adelaide, Australia
Dr. Dimitri Gekus, KTH – Royal Institute of Technology, Stockholm, Sweden
Dr. Matthias Jäger, Leibniz Institute of Photonic Technology, Jena, Germany
Dr. Christian Kränkel, University of Hamburg, Germany
Prof. Oscar Malta, Universidade Federal de Pernambuco, Brazil
Prof. Andries Meijerink, University of Utrecht, The Netherlands
Dr. Valentin Petrov, Max Born Institute, Berlin, Germany
Prof. Markus Pollnau, KTH – Royal Institute of Technology, Stockholm, Sweden
Prof. Rafael Valiente, University of Cantabria, Santander, Spain

HOW TO PARTICIPATE?

Registration only on-line

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

FEE includes: an 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: April 30th 2016, 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 Krutyn: by coach from the Institute of Physical Chemistry, PAS, on September 4th

The Organizers will provide two coaches from the Institute of Physical Chemistry of the Polish Academy of Sciences, Warsaw, Kasprzaka str., 44/52, on September 4th, 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 September 4th. Excellent website for hotel booking is available at: <http://www.booking.com> It is highly recommended to arrive before noon on September 4th, if possible. Departure from Krutyń to Warsaw on September 10th at 8.00 a.m.

IMPORTANT DEADLINES:

single room, **deadline for reservation: April 30th 2016**

Deadline for registration: May 30th

Deadline for fee payment: June 30th

Deadline for poster A4/abstract: July 20th

Deadline for presentations upload: August 20th

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

CONTACT:

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Medial patronage



International Krutyń Summer School 2016

Organizers:

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

**School of Information and Communication Technology, KTH -
Royal Institute of Technology, Sweden**

