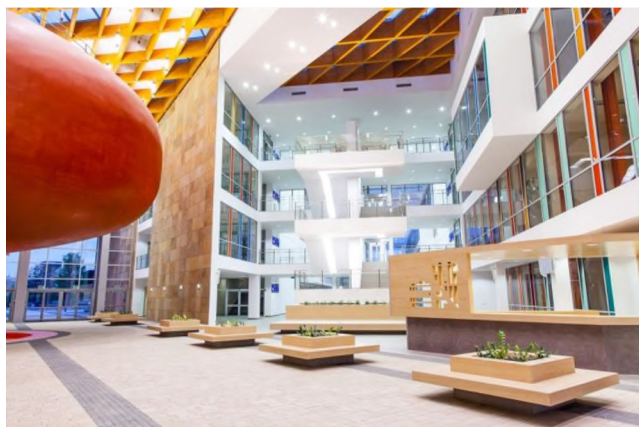


VENUE

The conference venue is the Center for Microelectronics and Nanotechnology of the University of Rzeszów. It was opened in 2013. In addition to having outstanding laboratories, sophisticated equipment, the 200-square-meter clean room area, six 150-seat auditoriums, twenty four 50-seat classrooms, and the 300-seat conference hall, the Center provides many opportunities for research collaboration, training, and fieldwork staging. As a multi-disciplinary facility, the Center carries out multifaceted research and educational activities which cover all aspects of microelectronics and nanotechnology.



HOW TO GET TO RZESZOW

Jasionka International Airport (it is connected with Frankfurt Int. Airport by one flight daily as well as with Frederik Chopin Int. Airport in Warsaw by four flights) is about 8 km from the city centre. The airport is connected with Rzeszów city center by public transport. Generally, bus timetable is synchronized with flights' arrivals and departures.

More flights can be booked from Krakow which is only two and a half hours by train from Rzeszów.

Alternative transport options are trains, buses and car. More details are available on the conference web page: <http://nano.rzeszow.pl>

ACCOMMODATION

Participants of the conference are kindly asked to book rooms directly at the hotels which are listed at the conference website. When making your reservation, please let the hotel staff know that you are attending the International Conference on Semiconductor Nanostructures for Optoelectronics and Biosensors at the Center for Microelectronics and Nanotechnology to ensure you receive a special rate. You can also opt to stay in another hotel in Rzeszów, but a special conference rate is applicable only for the hotels listed at the conference web page: <http://nano.rzeszow.pl>

CONTACT INFORMATION

Organizing Committee of IC SeNOB 2016:
Center for Microelectronics and Nanotechnology
University of Rzeszów
Co-chairs: dr hab. Małgorzata Pociask-Biały, prof. UR
prof. dr hab. Eugen Sheregii
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Jakub Grendysa
Iryna Berezovska
Ewa Bobko
Małgorzata Trzyna
Przemysław Cypryś

KEYNOTE PLENARY SPEAKERS

Jean-François Berret, Université Paris-Diderot/CNRS, FR
Józef Barnaś, Adam Mickiewicz University in Poznan, PL
Alberta Bonanni, Kepler University in Linz, AT
Maciej Bugajski, Institute of Electron Technology PAS, PL
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Tomasz Wojtowicz, Institute of Physics PAS, PL
Włodzimierz Zawadzki, Institute of Physics PAS, PL

CO-CHAIRS

Dr hab. Małgorzata Pociask-Biały, prof. UR
Prof. dr hab. Eugen Sheregii

SECOND ANNOUNCEMENT AND CALL FOR PAPERS



International Conference on Semiconductor Nanostructures for Optoelectronics and Biosensors 2016 IC SeNOB 2016

under the auspices of the Committee on Materials Science
of the Polish Academy of Sciences



May, 22nd -25th, 2016

Rzeszów, POLAND

<http://nano.rzeszow.pl>

GENERAL INFORMATION

Three years after being at NANO2013 - Symposium on Nanostructured Materials, it is time to return to welcoming Rzeszow and to discuss, once again, the latest achievements of research on semiconductor nanostructures. At the present time we believe we understand better the nature of II-VI and III-V compounds. Unique experiments, new theoretical models as well as simulations have been elaborated by researchers in many countries. This way has led to the creation of a new class of quantum matter - topological insulators. The Center for Microelectronics and Nanotechnology of the University of Rzeszow participates in this effort, hosting once again an international conference focused on how semiconductor nanostructures can be applied in optoelectronics and biosensors.

The official language of the [International Conference on Semiconductor Nanostructures for Optoelectronics and Biosensors 2016, IC SeNOB 2016](#), is English.

CONFERENCE TOPICS AND SESSIONS

This conference will discuss a broad range of topics related to the growth, characterization and physics of II-VI and III-V compounds. The focus is placed on the unique optical, electrical and magnetic properties of these materials which enable their wide application in optoelectronics and biosensors. Participants' contributions will be presented and discussed over 7 parallel sessions:

A - MBE growth of II-VI and III-V nanostructures (QW, MQW, QWires) for optoelectronics and biosensors;

B - Characterisation of II-VI and III-V nanostructures (optical properties and electron transport);

C - Applications for optoelectronics (photovoltaics, IR- and Thz- detectors, lasers);

D - Topological Insulators;

E - Applications for quantum logics;

F - Biosensors based on II-VI and III-V nanostructures;

G - Numeric methods and simulation for characterization of II-VI and III-V nanostructures (optical properties and electron transport).

TYPES OF PRESENTATIONS

Papers are invited for oral (keynote plenary, invited and session) or poster presentations. The original author's contribution with relation to one selected conference topic in the following duration:

Keynote plenary presentation - 45 minutes for presentation + 5 minutes for discussion; Invited presentation - 30 minutes for presentation + 5 minutes for discussion; Session oral presentation - 15 minutes presentation + 5 minutes for discussion.

Posters will display the presentation materials printed on an A0 size paper to the conference participants during the whole conference period with the specific time allocated for detailed presentation during poster sessions.

AWARDS

Early career scholars and postgraduate researchers will be awarded with special prizes to recognize their accomplishments.

ABSTRACT SUBMISSION

When submitting a proposal for one of the categories (oral or poster) we expect an abstract of up to 500 words of plain text in English (not longer than 1 page) that clearly describes the contribution and its content.

Maximum two abstract submissions per a presenting author (oral or poster) are allowed. The same author can be included as a co-author in more than two submissions.

You can email your abstract to nanoconference@ur.edu.pl using the ABSTRACTtemplate.doc . Recommended file formats are .doc, .docx, .rtf. For that visit our web page: <http://nano.rzeszow.pl>.

CONFERENCE PUBLICATIONS

The abstract booklet will be printed before the conference.

The submission of full papers is not mandatory, but it is welcome. The selected papers will be published in the "Opto-Electronics Review" journal which is indexed in Journal Citation Reports (IF-1.667), Web of Science, Scopus, etc. "Paper Writing Guide" is available at the O-ER web page (<http://www.degruyter.com/view/j/oere>).

EXHIBITION

The exhibition of laboratory equipment made by leading worldwide companies will be organized during the conference. Visiting the Center for Microelectronics and Nanotechnology to see its research facilities is also planned.

SPONSORSHIP

The conference will provide many opportunities to promote companies, organizations and institutions which help sponsoring this event.

Promotional and sponsor benefits include:

- promotional printed material are added to the conference materials that will be distributed to the participants;
- advertisement/logo in the conference program booklet;
- display of company logos and/or advertisements in the main lobby of the conference venue;
- listing as a sponsor on the conference website;
- logo in the conference abstract booklet.

Everybody interested in sponsorship and promotional activities during the SeNOB 2016 is invited to contact the organizers at nanoconference@ur.edu.pl for more details.

REGISTRATION

is possible through the conference web page: <http://nano.rzeszow.pl>.

CONFERENCE FEES

FEES, Euro	Before 04.05.2016	After 04.05.2016
Regular fee	200	250
Reduced fee for students	100	150
Accompanying person	70	100
Company fee	500	500

The conference fee covers full conference participation which includes:

- Admission to the conference sessions, exhibitions, demonstrations and all relevant activities to be held in the Center for Microelectronics and Nanotechnology;
- Welcome reception;
- Conference dinner;
- Coffee and refreshments during the conference coffee breaks;
- Lunches;
- Conference printed materials (program and abstract booklets);
- Social and cultural program (attending the Music Festival in Łańcut and sightseeing).

The exhibition fee additionally includes:

- Exhibition space with a tabletop display or a stand in the vendor exhibit area;
- Distribution of promotional printed materials to the participants;
- 20 minute oral presentation (additional payment).

PAYMENT METHOD

Please transfer the fee to the following account:

Account Holder: University of Rzeszów

Account No. : PL 48 8642 1126 2012 1119 9353 0001

Bank : PBS Oddział Rzeszów

SWIFT: POLUPL_PR

Payment reference: "IC SeNOB, Conference participant's first and last name"

IMPORTANT DATES

25.04.2016 - Abstract submission and registration deadline

29.04.2016 - Acceptance notification

04.05.2016 - Rise of the conference fee

06.05.2016 - Conference Program ready

16.05.2016 - Conference fee payment deadline

22.05.2016 - Conference opening

23.05.2016 - 25.05.2016 - Conference sessions

CULTURAL PROGRAM

From 21st to 29th May 2016 will take place an outstanding cultural event 55 Music Festival in Łańcut. Every year the Festival takes place in Łańcut Castle, one of the most beautiful aristocratic residences in Poland.