



### 3<sup>rd</sup> International Workshop on Functional Nanostructured Materials

The third edition of the conference *International Workshop on Functional Nanostructured Materials (FuNaM-3)* was organized at the Faculty of Chemistry of the Jagiellonian University between 6<sup>th</sup> and 8<sup>th</sup> of October 2021. Due to the SARS-CoV2 pandemic, this year's edition was organized in a hybrid form, i.e. the entire conference was also available on-line via MS TEAMS platform. The conference was sponsored, among others by **Division 4** of the International Society of Electrochemistry.

The conference topics covered all aspects of synthesis, characterization, and applications of functional nanostructured materials. Three following main sessions were organized:

1. *Nanomaterials for energy conversion and storage session* took place at October 6<sup>th</sup> and was devoted to the recent progress in the synthesis, modification, and characterization of nanomaterials for energy conversion and storage. 3 invited lectures and 5 oral presentations were delivered within this session.
2. *Nanostructured biomaterials session* took place at October 7<sup>th</sup> and was devoted to various nanomaterials (e.g., polymers, ceramics, metals) that may be used for that matter. An approach from different fields of science - chemistry, engineering, and medicine to the design, characterization, modification, and use of nanoscaled biomaterials has been discussed. 3 invited lectures and 5 oral presentations were delivered during this session.
3. *Synthesis and applications of nanomaterials session* took place at October 8<sup>th</sup> and was dedicated to the recent progress on all aspects related to functional nanomaterials, including methods of their synthesis, characterization, and possible applications. 3 invited lectures and 6 oral presentations were delivered during this session.

The poster session took place at October 7<sup>th</sup>. The participants presented 61 posters, among which 11 were also presented as rapid presentations.

In addition, two workshop sessions have been organized. One devoted to some practical aspects of impedance and spectroelectrochemical measurements, conducted by representatives of our sponsors, Instytut Fotonowy and nLab, respectively. During the second session, dedicated mostly to the young scientists, good practices in publishing and selecting journals for scientists were discussed by the Elsevier's representative. Finally, a guide to the Humboldt Fellowship was presented by one of the Humboldt Foundation fellow.

A total of 112 participants mostly from Poland, but also from Ukraine, Great Britain, Czech Republic, China, Spain, Portugal, and Germany took part in the conference.

The invited speakers were:

1. Lifeng Liu (International Iberian Nanotechnology Laboratory, Braga, Portugal)
2. Konrad Szaciłowski (AGH University of Science and Technology, Krakow, Poland)
3. Paweł Jeżowski (Poznań University of Technology, Poznań, Poland)
4. Marie Hubalek Kalbacova (Charles University, Prague, Czech Republic)
5. Wojciech Świąszkowski (Warsaw University of Technology, Warsaw, Poland)
6. Aleksandra Radtke (Nicolaus Copernicus University, Toruń, Poland)
7. Paramaconi Rodriguez (University of Birmingham, UK)
8. Wojciech Nogala (Institute of Physical Chemistry, Polish Academy of Sciences, Warsaw, Poland) ISE Regional Representative for Poland
9. Jacek Ryl (Gdańsk University of Technology, Gdańsk, Poland)

Best poster and rapid poster presentations were awarded by the award selection committee, and the winners are listed below:

Best rapid poster presentations:

1<sup>st</sup> prize: Małgorzata Nadolska

2<sup>nd</sup> prize: Kamil Urbanek

3<sup>rd</sup> prize: Paulina Chytrosz

Best poster presentation:

1<sup>st</sup> prize: Bartosz Mozgawa

2<sup>nd</sup> prize: Marzena Fandzloch

3<sup>rd</sup> prize: Aleksandra Krajcer

Distinction: Mateusz Brodowski

Distinction: Mateusz Cieślik

All information about the conference (including Book of Abstracts) are available on the conference website: <http://www.funam.confer.uj.edu.pl/>

We would like to thank all the participants for joining our conference. We hope they had a great time with a lot of valuable discussions. It was a great pleasure to host them in Krakow.

We hope we can meet again in 2023 during the fourth edition of FuNaM, so feel invited!

On behalf of Organizing committee



Grzegorz Sulka



Leszek Zaraska

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