

## Newsletter IX (01.05.2025 – 30.09.2025)

### NEWS

- **Extension of our ExCEED Project Duration**

We are pleased to announce that our project has been extended by six months. The new project end date is 28 February 2026. This extension will allow us to further develop our research and successfully complete the planned activities.

### SCIENTIFIC MEETINGS

- **CONE Spring School 2025**

On May 14-15, 2024 we have organized CONE Inorganic Chemistry Spring School which featured a fantastic lineup of speakers and engaging scientific sessions and workshops: "Metal Ions and Ligands in Sensing and Imaging: A Workshop on Principles, Examples, and Applications" led by our plenary speaker, Prof. Williams.

## CONE Inorganic Chemistry Spring School

### 14<sup>th</sup> May

*chair: dr inż. Piotr Pander*


(12:00-13:30) **Prof. J.A. Gareth Williams** - Durham University, UK  
*Coordination Chemistry for Light-Emitting Materials : From the Visible to the Near-Infrared*

(13:30-14:00) **Dr hab. inż. Krzysztof Durka** - Warsaw University of Technology  
*TADF emitters based on strongly electron acceptor sulfone-triarylboron heterocyclic scaffolds*





(14:00-15:00) **Break**

(15:00-15:30) **Prof. dr hab. Konrad Kowalski** - University of Łódź  
*Two are better than one: a case study of the biferrocenyl-thymidine "click" conjugate biFcT as novel ferroptosis-inducing agent in lung cancer cells*

(15:30-16:00) **Dr Adrian Topolski** - Nicolaus Copernicus University in Toruń  
*Modification of titania nanotubes with platinum(II) complexes using bridging ligands*



Centre for Organic  
and Nanohybrid Electronics



## CONE Inorganic Chemistry Spring School

**15<sup>th</sup> May**




*chair: dr Marília Gabriela Belarmino Cabral*

(11:00-12:30) **Prof. J.A. Gareth Williams** - Durham University, UK  
*Metal Ions and Ligands in Sensing and Imaging : A Workshop on Principles, Examples, and Applications*

(12:30-13:00) **Dr hab. Katarzyna Jarzemska** - University of Warsaw  
*Crystallography in studies of photoactive materials under various external conditions*

(13:00-13:30) **Dr inż. Radosław Kamiński** - University of Warsaw  
*Ultrafast time-resolved X-ray diffraction - our recent developments towards molecular movies*



### **CONE SCIENTIFIC SEMINARS**

- Guest lecture by Prof. Christian Kloc

## CONE SEMINARS

*with*  
**Prof. Christian Kloc**

*New Materials Designed by Artificial Intelligence*



**CNT, AULA B**

**May 7th, 2025**

**10:00-12:00**

The visit was funded as part of a task in the pro-quality programme on investment in internationalisation development with funds from the Excellence Initiative - Research University programme.  
This seminar is part of the ExCEED project, which has received funding from the EU Horizon 2020 research and innovation programme under grant agreement no. 952008.





On May 7th, in the Centre for New Technologies (CNT, Konarskiego 22B, Aula B) Prof. Christian Kloc - retired professor from Nanyang Technological University in Singapore and a graduate of the Faculty of Chemistry at the Silesian University of Technology (1974) gave a lecture entitled "New materials designed by Artificial Intelligence".

Prof. Kloc is a recognized expert in the growth of novel single crystals. He has authored over 200 scientific publications, which have received 26,000 citations with an h-index of 73 (Google Scholar). His recent interests focus on the application of artificial intelligence to materials science.



The ExCEED project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no 952008



- Guest lecture by Prof. Wojciech Pisula



On May 23th, in the Centre for New Technologies (CNT, Konarskiego 22B, Aula B) Prof. Wojciech Pisula from Lodz University of Technology presented a lecture titled: "Controlling Self-Assembly of Solution Processable Semiconductors for Electronic Applications"

Prof. Pisula is a leading expert in self-organizing semiconductors. He is a Full Professor at Lodz University of Technology and Director at Evonik Industries. With over 230 scientific publications and an impressive H-index of 82, he brings a wealth of experience in both academic and industrial research. He also serves as Editor for Synthetic Metals and Editor-in-Chief of Electronic Materials.



## UPCOMING EVENTS



- "NanoFrontiers 2025: Functional Materials Shaping the Future" - scientific panel



We are organizing scientific panel "NanoFrontiers 2025: Functional Materials Shaping the Future", which is a part of the largest science-business international conference InterNanoPoland which will be held on October 8-9, 2025 in Vienna House Easy by Wyndham hotel in Katowice.

<https://internanopoland.com/>

- Autumn CONE/ExCEED Scientific Meeting

In the next month (October 16th), we are organizing also the Autumn CONE/ExCEED Scientific Meeting with two distinguished speakers: Prof. Niyazi Serdar Sariciftci from Linzer Institut für organische Solarzellen, Austria and Dr. Philippe Hapiot from University of Rennes, France.

Don't miss this opportunity to connect, exchange ideas, and be inspired by leading voices in the field.



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