

1st Polish Symposium on Functional π -Systems

16th of May 2025

Time	Agenda
08:50-09:00	Opening remarks- Prof. Daniel Gryko
09:00-10:15	Session A, chair: dr. Marek Grzybowski
09:00-09:45	Prof. Shigehiro Yamaguchi (Plenary lecture) – Nagoya University <i>"Designing Tailored π-Electron Materials Enabled by Main- Group Elements"</i>
09:45-10:15	Prof. Hans Ågren (Invited lecture) – Wrocław University of Technology and Uppsala University <i>"Photophysics at the molecular scale"</i>
10:15-10:30	dr. Krzysztof Górski – ICHO PAN <i>"An Efficient Method for the Synthesis of π-Expanded Phosphonium Salts"</i>
10:30-11:00	Coffee Break
11:00-12:35	Session B, chair: dr. Przemysław Gawel
11:00-11:15	dr. Abhishek Pareek – ICHO PAN <i>"π-Expanded Heteroaromatic Compounds for Optoelectronic and Chiroptical Materials"</i>
11:15-11:30	Katarzyna Piasecka – ICHO PAN <i>"Twisted Amides: Shaping New Chemical Space Across TADF Emitters"</i>
11:30-11:45	dr. Krzysztof Bartkowski – ICHO PAN <i>"Donor–Fused NMI Platforms: Bridging Methodology and Function in Optoelectronics"</i>
11:45-12:00	dr. Kamil Skonieczny – ICHO PAN <i>"Polysubstitution of Dipyrrolonaphthyridinediones: A Potent Strategy for Creating Strongly Emitting Fluorophores"</i>
12:00-12:15	dr. Amjad Ali - Wrocław University of Technology <i>"Photoisomerization of Heptamethine Cyanine Dyes: A Theoretical Study"</i>
12:15-12:35	dr. hab. Wiktor Lewandowski (Short Invited Lecture) – Warsaw University <i>"Material and geometric contributions to supramolecular chirality in liquid crystal nanocomposites"</i>
12:35-13:05	prof. Miłosz Pawlicki (Invited lecture) – Jagiellonian University <i>"Optical properties of chromophores carrying a 6.6.6/7.6.6 defect"</i>

13:05-14:00	Lunch Break
14:00-15:50	Session C, chair: dr. Marcin Lindner
14:00-14:30	prof. Piotr Kaszyński (Invited lecture) - CBMiM <i>"Stable radicals and diradicals with a twist"</i>
14:30-14:45	Krzysztof Nowak – ICHO PAN <i>"Donor-Acceptor Pentacene Analogues"</i>
14:45-15:00	Weronika Szawro – ICHO PAN <i>"5-Azatetracenes and 6-azapentacenes - synthesis, photophysical properties and stability"</i>
15:00-15:15	dr. Mariusz Tasior – ICHO PAN <i>"Wine-inspired dyes as photoredox catalysts"</i>
15:15-15:30	Wojciech Petrykowski – ICHO PAN <i>"Double helicene possessing B–N dative bonds built on 1,4-dihydropyrrolo[3,2-b]pyrrole core"</i>
15:30-15:50	dr. hab. Mykhaylo Potopnyk (Short Invited Lecture) – ICHO PAN <i>"Benzochalcogenazole-Based Boron Difluoride Complexes for Organic Solid-State Lasers and Light-Emitting Diodes"</i>
15:50-16:35	Prof. Marcin Stępień (Plenary lecture) – Wrocław University <i>"Electron-Deficient Aromatics: Multiredox Systems, NIR Dyes, and Brønsted Acids"</i>
16:35-18:15	Poster Session
18:15	Concluding Remarks- Prof. Daniel Gryko