



Chemistry and Chemical Technology 2026

International Scientific Conference

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Vilnius University



CENTER FOR PHYSICAL SCIENCES AND TECHNOLOGY



Klaipeda University



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PROGRAMME

8.00 – 9.00 Registration and Welcome Coffee (Santaka Valley)

9.00 – 9.30 Opening of the Conference (Santaka Valley)

- Opening address by the Vice-Rector for Research of Kaunas University of Technology
- Academic tributes in honour of Prof. Romualdas Baltrušis and Prof. Vaclova Zelionkaitė

9.30 – 11.00 Plenary Session – Keynote Lectures (Santaka Valley):

Session chairs: Prof. Vaida Kitrytė-Syrpa and Assoc. Prof. Vaidotas Kisielius

- Assoc. Prof. Jonas Baltrušaitis, Lehigh University (USA). Storing electron energy in high-value chemicals: from flue gas CO₂ electrochemical oxidation to formic acid co-production
- Prof. Rasa Pauliukaitė, Center for Physical Sciences and Technology (Lithuania). How could electroanalysis help improve well-being?
- Prof. Maris Turks, Riga Technical University (Latvia). 1,2-Metalloid Shift-Enabled Access to Allylic and Heterocyclic Systems from Propargyl Metalloids

11.00 – 11.30 Coffee break / Poster presentations / Exhibition by Industrial Partners (Santaka Valley)

11.30 – 13.00 Plenary Session – Keynote Lectures (Santaka Valley):

Session chairs: Prof. Vaida Kitrytė-Syrpa and Assoc. Prof. Jonas Baltrušaitis

- Assoc. Prof. Vaidotas Kisielius, Aarhus University (Denmark). Visualizing metabolism: mass spectrometric imaging of localized biotransformation in biofilms
- Assoc. Prof. František Šoukal, Brno University of Technology (Czech Republic). Mineralogical Insights into Accelerated Carbonation Products
- Assoc. Prof. Eugenijus Urnėžius, University of Portland (United States of America). Expanded roles of benzoquinonoid platform rendered by phosphine, phosphine oxide, or phosphonato appendages: binucleating ligands for Ni(II) or Cu(II) centers, water-soluble electroactive substances, and single-benzene fluorophores

13.00 – 14.00 Lunch Break / Poster presentations / Exhibition by Industrial Partners (Santaka Valley)

14.00 – 16.30 Parallel Sessions in Thematic Sections

- International Scientific Conference
Parallel Sessions in Thematic Sections (Santaka Valley)
- Student Scientific Conference
Oral Presentation Sessions in Thematic Sections (Faculty of Chemical Technology)

16.30 – 17.00 Coffee Break / Poster presentations / Exhibition by Industrial Partners (Santaka Valley)

17.00 – 17.30 Awards and Closing of the Conference (Santaka Valley)

Oral Presentations

Room: **A225**

Section: **Polymer, Biochemical and Food Technologies**

Session Chair: Dr. Michail Syrpas

Evaluation Committee: Dr. Tadas Dambrauskas, Dr. Ramunė Rutkaitė, Dr. Michail Syrpas

14.00 – 14.15	Mohamed Abdella , Melika Ghasemi, Jūratė Simokaitienė, Dmytro Volyniuk, Aivars Vembris, Juozas Vidas Gražulevičius INVESTIGATION OF PHENANTHROIMIDAZOLE–QUINOXALINE DERIVATIVES AS BLUE EMITTERS EXPLOITING HYBRIDIZED LOCAL AND CHARGE TRANSFER STATES	O1
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Section: **Environmental and Inorganic Chemistry and Technology**

Session Chair: Dr. Dainius Martuzevičius

Evaluation Committee: Dr. Dainius Martuzevičius, Dr. Goda Masionė, Dr. Raimundas Šiaučiūnas

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Section: **Organic Chemistry and Technology**

Session Chair: Dr. Audrius Bučinskas

Evaluation Committee: Dr. Audrius Bučinskas, Dr. Ernestas Kasparavičius, Dr. Vida Malinauskienė

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