



UNIWERSYTET JAGIELLOŃSKI  
W KRAKOWIE

una  
europa

# Una Europa Symposium on Future Materials & Technologies

## Preliminary Programme

---

23-25 January 2025 | Uniwersytet Jagielloński w Krakowie.

Main venue: JU Faculty of Chemistry, Gronostajowa 2 Str.



## January 23: Social program

Time	Activity
14:30–16:30	Registration
14:30, 15:00, 15:30	JU Museum Collegium Maius visit
18:00	Conference dinner

## January 24: Day 1 of the Symposium

Time	Activity
09:00–09:30	Registration and morning coffee
09:30–10:00	Opening of the Symposium and welcome addresses by JU Authorities
10:00–11:50	<p><b>Session 1</b></p> <p><b>Advanced Sustainable Materials for Energy Applications, chairs: Massimo Garai (UNIBO), Neil Robertson (UCD)</b></p> <p>This session will focus on the development and implementation of sustainable materials designed to address the energy challenges of the 21st century. Topics will include innovative materials for energy harvesting, storage, and conversion, emphasizing materials with enhanced efficiency and reduced environmental impact.</p>
12:00–13:45	Lunch break
14:00–15:55	<p><b>Session 2</b></p> <p><b>Frontier Materials for Quantum and Data Technologies, chairs: Arantzazu Mascaraque (UCM), Fabrizia Negri (UNIBO)</b></p> <p>Exploring new materials that will enable the next revolution in quantum technologies. This session will cover the synthesis, characterization, and application of materials with unique quantum properties, vital for developing advanced quantum computing, sensing, and communication technologies.</p>
16:00–17:00	Break, networking possibilities
17:00–19:00	POSTER SESSION

## January 25: Day 2 of the Symposium

Time	Activity
09:30–10:00	Registration and morning coffee
10:00–11:50	<b>Session 3</b>

	<p><b>Innovations in Biomedical Materials and Technologies, chairs: Małgorzata Tyszkaczochara (JU), Robert Luxenhofer (UH)</b></p> <p>This session will cover the latest advancements in materials designed for biomedical applications, aimed at addressing healthcare challenges such as aging populations and disease treatment. The focus will be on materials with novel properties that improve medical devices, diagnostics, and therapeutics.</p>
12:00–13:45	Lunch break
14:00–15:55	<p><b>Session 4</b></p> <p><b>Functional Nanomaterials for Environmental and Sensor Applications, chairs: Andrés Guerrero (UCM), Jufan Zhang (UCD)</b></p> <p>Focusing on nanomaterials designed for environmental sustainability and advanced sensing applications, this session will explore how these materials can be used to detect, monitor, and remediate environmental pollutants, as well as enhance the sensitivity and selectivity of sensors.</p>
16:00–18:00	Break, networking possibilities
18:00–18:30	Symposium Closing Remarks

## Important note:

Each of our Una Europa partner universities reserves the right to close the application earlier if they receive a large number of applications. It's best to send your application sooner than later. Applying doesn't mean that you will automatically be accepted.

Before applying, please discuss your interest in participation and funding opportunities with your Una Europa Senior Local Lead/Una Europa local team. Additionally, consider exploring alternative funding opportunities from your faculty or university unit.