

# LRT 2024

## Welcome and Introduction

Grzegorz Zuzel on behalf of the LOC

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TECHNIQUES



**2024**  
WORKSHOP IX

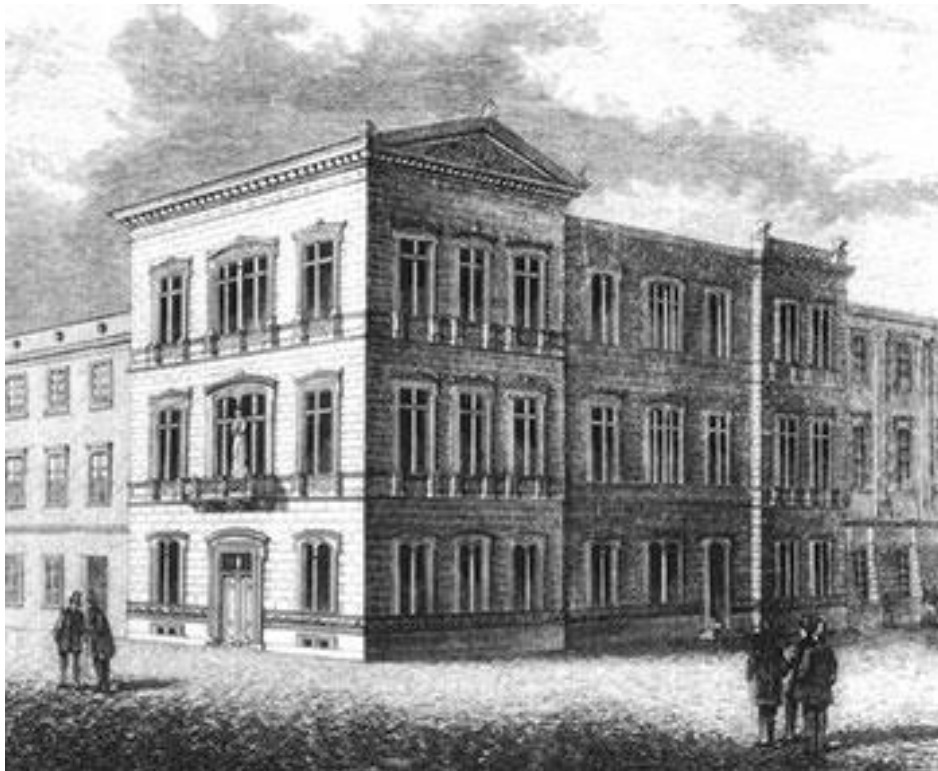
OCTOBER 1–4, 2024  
JAGIELLONIAN UNIVERSITY  
KRAKÓW, POLAND

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# Academy of Arts and Sciences

The Academy of Arts and Sciences was established in 1872 as a result of the transformation of the Kraków Learned Society (1815). It served from the beginning as an all-Poland institute of culture and learning



Building of the Kraków Learned Society, February 1860

## Faculties:

- Linguistics
- History and Philosophy
- Science and Technology
- Natural Science
- Medicine
- Creative Arts

The PAU faculties represent an important platform for opinion-forming in the arts and sciences

Source: <https://pau.krakow.pl/>

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# Jagiellonian University



Collegium  
Novum



Collegium Maius

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# Jagiellonian University



## Collegium Novum

Faculty of Law and Administration  
Faculty of Medicine  
Faculty of Pharmacy  
Faculty of Health Sciences  
Faculty of Philosophy  
Faculty of History  
Faculty of Philology  
Faculty of Polish Studies  
**Faculty of Physics, Astronomy and Applied Computer Science**  
Faculty of Mathematics and Computer Science  
Faculty of Chemistry  
Faculty of Biology  
Faculty of Management and Social Communication  
Faculty of International and Political Studies  
Faculty of Biochemistry, Biophysics and Biotechnology  
Faculty of Geography and Geology

### Jagiellonian University:

~35 000 Students  
~5 000 Academic Staff

### Kraków:

~130 000 Students  
~806 000 Inhabitants

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# Jagiellonian University



The founding of the University in 1364 AD, painted by Jan Matejko (1838–1893).

**1222: Padova**  
**1346: Karków**  
**1386: Heidelberg**  
**1477: Tübingen**

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Some notable alumni:



Nicolaus Copernicus  
(theory of Heliocentrism)



Karol Olszewski  
(first to liquefy oxygen and nitrogen)



Ignacy Łukasiewicz  
(built the world's first modern oil refinery)

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# Kraków

- Main market Square: Underground museum, Sukiennice (Cloth Hall), Old town, St Mary' Church
- Wawel Royal Castle (Cathedral)
- Collegium Maius
- Kazimierz District: Jewish quarter
- Wieliczka Salt Mine



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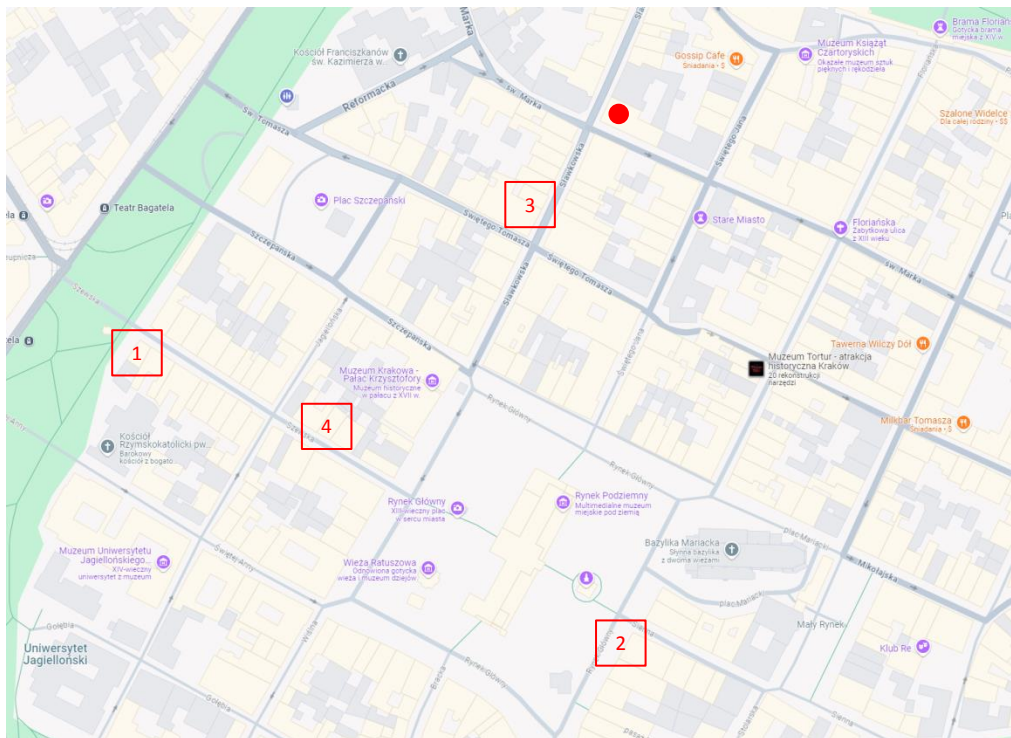




# Kraków

## Recommended restaurants:

1. Zalipanki (Szewska 24)
2. Restauracja Szara (Szeroka 39)
3. Goscinna Chata (Slawkowska 10)
4. Chimera Salat Bar (Swietej Anny 3)



# LRT 2024

- We start every day at 8:30
- Please, upload your slides to Indico the day before your talk (or send to me or LRT secretariat: [lrt2024@uj.edu.pl](mailto:lrt2024@uj.edu.pl))
- Coffee breaks, lunches and welcome reception (today) on the ground floor
- Poster session: tomorrow on the ground floor
- Excursions to Wieliczka and Medieval Kraków tour on Thursday afternoon
- Conference dinner on Thursday in the Hotel Sasaki (Sławkowska 3)
- Conference photo: tomorrow before lunch

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# LRT 2024: people to help



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**Grzegorz  
ZUZEL**

JAGIELLONIAN  
UNIVERSITY



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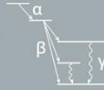
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The LRT workshops examine topics in low-radioactivity materials and techniques that are fundamental for quantum information science and rare-event searches, including dark matter, solar neutrinos, double-beta decay, long half-life phenomena and nuclear astrophysics.

LOCAL ORGANIZING COMMITTEE

G. Zuzel (chair)  
M. Harańczyk  
A. Jany  
K. Jędrzejczak  
M. Misiaszek  
T. Mróz  
Z. Niecekarz  
D. Rozpędzik  
K. Szczepaniec

# 2024

## WORKSHOP IX

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Abstract Submission Closes  
August 18, 2024

Registration Closes  
September 16, 2024

October 1–4, 2024  
Jagiellonian University, Kraków, Poland



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Let's have a fruitful workshop !!