

FIRST CIRCULAR



6th Jagiellonian Symposium on Advances in Particle Physics and Medicine

Collegium Novodvorscianum, Kraków July 5-10 2026

<https://indico.koza.if.uj.edu.pl/e/symposium2026>

Dear Colleagues,

We are pleased to invite you to the **6th Jagiellonian Symposium on Advances in Particle Physics and Medicine (JS2026)**, to be held from **5 to 10 July 2026** at the Collegium Novodvorscianum, Jagiellonian University, Kraków, Poland. The meeting will be held in person.

Since 2015, the Jagiellonian Symposium has brought together researchers from particle physics, nuclear medicine, medical imaging, and other related fields. The focus is on practical results, especially technologies that are close to clinical use.

The program combines experimental work with theoretical studies, with an emphasis on solutions that can move from the laboratory to the clinic. These include advanced detection systems, improved imaging methods, and computational tools that support diagnosis and treatment.

Scientific Scope

JS2026 addresses research at the interface of particle physics and medicine, with focus on technologies and methods close to clinical translation. The topics of the scientific program include the following areas (*in alphabetical order*):

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| • Antimatter in Pure & Applied Physics | • Particle Therapy Monitoring |
| • Artificial Intelligence in Medicine | • PET Imaging Innovations |
| • Brain PET Advances | • Positronium in Medicine |
| • Drug Delivery Systems | • CAR-T Therapy Imaging |
| • Exotic Atoms & Nuclei | • Quantum Entanglement in Positron Emission Tomography |
| • Clinical Trials & Medical Studies | • Radiopharmaceutical Theranostics |
| • Multiplexed PET and Positronium Imaging | • Total-body PET |
| • Particle Detection Technologies | |

Keynote Speakers

The scientific program includes invited keynote lectures by leading experts in particle physics, nuclear medicine, medical imaging, and advanced instrumentation. The updated list of confirmed speakers is available on the [conference website](#).

Opening Talk – Prof. Habib Zaidi

The symposium will open with an invited talk entitled **“Advanced Computational Models for Theranostic Digital Twins”**. The opening talk will be given by Prof. Habib Zaidi. Further details about the opening lecture including the speaker, can be found [here](#).



Conference Proceedings

Selected contributions will be considered for publication in the thematic journals. The journal information will be updated on the conference webpage.

Key Dates

Event	Date
Abstract Submission Deadline	15 April, 2026
Decision on Abstract Acceptance	01 May, 2026
Early Registration Deadline	10 May, 2026
Conference Dates	05 – 10 July, 2026
Satellite Workshop	See Conference Webpage

Call for Abstracts

Abstracts for oral and poster presentations are invited from researchers, clinicians, and industry representatives. Submissions should align with the scientific scope of the symposium.

The abstract submission portal is now open on the [indico page](#).

Registration and Fees

Registration for JS2026 is handled through the conference Indico page.

Type of Registration	Conference Fee	Accompanying Person
Early Registration Before May 10, 2026	550 € or 2500 PLN	150 € or 700 PLN
Late Registration After May 10, 2026	600 € or 2700 PLN	150 € or 700 PLN

Early rate applies to registrations completed by 10 May 2026. Payment deadline: 21 June 2026.

The conference fee includes scientific sessions, conference materials, lunches, coffee breaks, Book of Abstracts, concert, conference dinner, access to conference exhibitions, and open access proceedings.

A limited number of financial support opportunities are available for young researchers (master's and doctoral students). We strongly encourage young researchers to apply and to present their work at the symposium. Financial support will be allocated on a competitive basis. For more information, please contact the organizing committee directly at: jagiellonian.symposium@uj.edu.pl.

Events

❖ Public Lecture – Prof. Simon R. Cherry

JS2026 will include a public lecture by **Prof. Simon R. Cherry** entitled “**Seeing is Believing: Total-Body Metabolic and Molecular Imaging**”.

The lecture will address the development of total-body PET technology and its impact on whole-body metabolic and molecular imaging. More information can be found [here](#).



❖ Gala Dinner

The conference gala dinner will take place at [Dwór w Modlnicy UJ](#), located just 11 km from the center of Kraków.

❖ Cultural Event - Baroque Concert

Participants are warmly invited to a **Baroque concert**, which will be organized as part of the symposium's cultural programme, at St. Anne's Collegiate Church ([ul. Św. Anny 11, 31-008, Krakow](#)).

Satellite Workshop

A satellite workshop on Quantum Entanglement will address entanglement-based observables in positron emission tomography and related imaging techniques, with focus on both fundamental and applied aspects. The workshop aims to foster discussion between researchers in fundamental physics and medical imaging. More information available [here](#).

Venue

The symposium will take place at the Collegium Novodvorscianum (Św. Anny 12, Kraków), located in the historic city center near the Main Market Square. Kraków is one of Poland's major academic centers and home to Jagiellonian University. Practical information regarding the venue, accommodation, and airport transfers is available on the [conference website](#).

Accommodation

Accommodation in Jagiellonian University guest houses located in the city center, within walking distance of the conference venue, is available upon request. Please note that the number of rooms is limited and availability cannot be guaranteed. For inquiries, contact: lukasz.kaplon@uj.edu.pl.



Contact

For any questions regarding the symposium, abstract submission, registration, or support for young researchers, please do not hesitate to contact us: jagiellonian.symposium@uj.edu.pl.



We look forward to welcoming you in Kraków in July 2026.

With kind regards,



Prof. Paweł Moskal
Chair of JS2026



Prof. Ewa Stępień
Chair of JS2026



Jagiellonian University, Kraków, Poland
