



Zabrze

VENUE

Zabrze is a vibrant city in southern Poland, in the Western part of Upper Silesia. It belongs to the Silesian Voivodeship. Neighboring Katowice and Gliwice, it constitutes an important academic and logistical center. The city is renowned for its industrial heritage, medical and technological center, sports, and cultural scene. It offers numerous museums, parks, and cultural institutions. Ruled throughout history by Habsburg Dynasty, then by Prussia, Zabrze was attached to Poland in March 1945.

The city evolved from a typically rural area to a modern industrial one in the XVIIIth century thanks to the discovery of coal deposits, which also influenced the character and appearance of the city. To this day, one can admire buildings that reflect the architectural concepts of that time. Donnersmarck's housing estate is considered a gem of this architectural concept.

Zabrze is also a home for football club Górnik Zabrze. Established in 1948, it has achieved remarkable success in Polish football, clinching numerous league titles and proudly representing the city on both national and international platforms.

Cultural institutions invite visitors to numerous concerts (Zabrze Philharmonic) and plays at Teatr Nowy ("New Theatre") and to explore the captivating narratives found within the pages of literary masterpieces in local libraries and reading spaces. The local museums are the Coal Mining Museum, the Municipal Museum, and the Military Technology Museum. The Maciej mine shaft and the Main Key Adit, one of the longest such structures in Europe, are open to tourists. The historic coal mines of Zabrze are listed as a Historic Monument of Poland.

The Silesian Center for Heart Diseases in Zabrze is a leading medical facility specializing in cardiac care. Established by Professor Zbigniew Religa in 1984, a pioneer in heart transplantation in Poland, the center provides comprehensive services, including diagnostics, advanced treatments, and rehabilitation for patients with heart-related conditions.

PROPOSALS FOR SPECIAL SESSIONS

You are also welcome to submit proposals for Special Sessions. Session titles along with a short description can be submitted via e-mail.

DEADLINES

Submission for CMPB due October 31, 2024
Submission for AiSC due December 31, 2024

Conference June 23-25, 2025

CONFERENCE FEES

Regular registration * 1300 PLN (325 €)
Program Committee Members * 1000 PLN (250 €)
Ph.D. Students / Students 600 PLN (150 €)
Daily admission 200 PLN (50 €)

Regular fee **includes** conference fee, proceedings, lunch, scientific program, coffee and tea during breaks. The fees **do not include** accommodation.

* includes also gala dinner at the restaurant at the Guido Mine

At least one author of each paper is expected to register and pay the regular fee within 14 days after the paper acceptance.

CONTACT

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For further information please visit our website

itib.polsl.pl



10th International Conference
Information Technology in
Biomedicine

Call for Papers



Zabrze, POLAND
June 23-25, 2025

CONFERENCE ORGANIZER



Silesian University
of Technology



Faculty of Biomedical Engineering
Department of Medical Informatics
and Artificial Intelligence

**We cordially invite you to participate
in the 10th International Conference
on Information Technology in Biomedicine
to be held in Zabrze**

ABOUT THE CONFERENCE

During the last decades, we are witnessing a radical change as the medical information systems have been integrated to address the core of medicine, including patient care in ambulatory and in-patient setting, computer-assisted diagnosis and treatment, telemedicine, and home care. This will continue in the years to come. Our previous meetings and collaboration with medical centers have shown a requirement for a platform to integrate researchers and technologists whose efforts focus on bridging the gap between modern information technology and clinical medicine. The ITIB conference is an interdisciplinary meeting combining theoretical and applied dimensions. There is a need for a broad overview of this entire field.

CONFERENCE TOPIC AREAS

- ✦ Image informatics and telemedicine
- ✦ Artificial intelligence
- ✦ Signal processing
- ✦ Speech analysis
- ✦ Bioinformatics
- ✦ Computational oncology
- ✦ Personalized medicine
- ✦ Computer-assisted diagnosis, therapy, and rehabilitation
- ✦ Computational linguistics
- ✦ Biocybernetics and music
- ✦ Computer-assisted anthropology
- ✦ Active and assisted living
- ✦ Modeling and simulation
- ✦ Physiotherapy
- ✦ Biomaterials and medical biotechnology
- ✦ Biomechanics
- ✦ Analysis and design of drugs
- ✦ Public health
- ✦ Medical devices and data acquisition

INFORMATION FOR AUTHORS

This call for papers is to solicit submissions for oral or poster presentations.

Submissions for oral presentation will undergo a rigorous peer-review to select best papers for inclusion in the Special Issue on Advances in Digital Health – ITIB 2025 to be published in **Computer Methods and Programs in Biomedicine (CMPB) by Elsevier** (<https://www.sciencedirect.com/journal/computer-methods-and-programs-in-biomedicine>).

Manuscripts for consideration in the Advances in Digital Health CMPB Special Issue by Elsevier, should be submitted as full conference papers (6-8 pp. of printed) using Elsevier’s template for journal manuscripts.

Submissions for poster presentation and those for oral presentations not meeting the requirements for publication in the CMPB Special Issue will be considered for publication in **Advances in Soft Computing (AiSC) – a book by Springer** that we used to disseminate ITIB contributions since the 2008 ITIB edition.

Manuscripts submitted for inclusion in the **AiSC book by Springer** should be formatted using a Springer template (8 or 10 or 12 pages) available on the ITIB website.

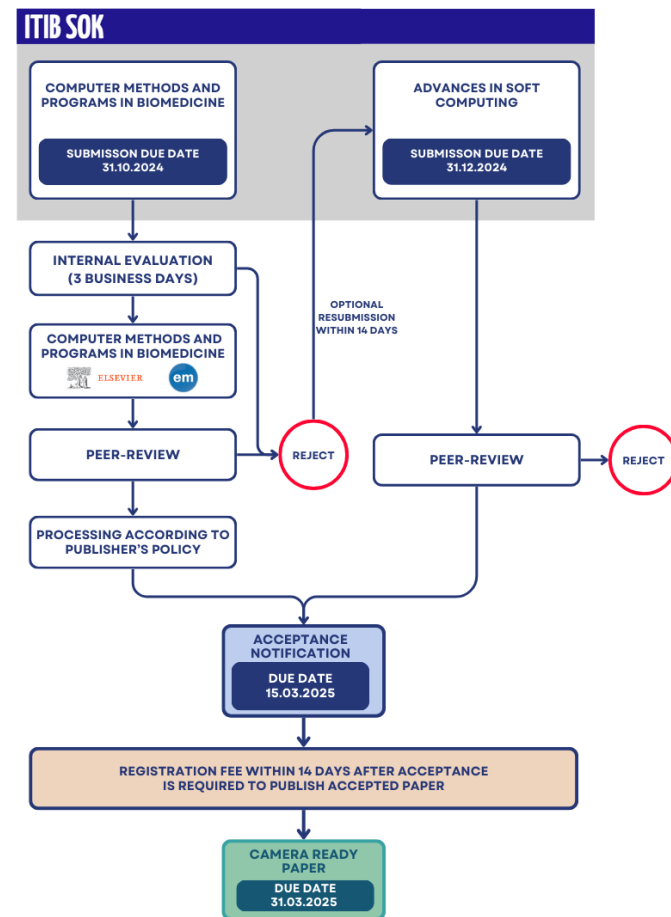
You can find detailed guidelines for authors in both paths on our website (<http://itib.polsl.pl/2025/authors-info>).

In both cases, start your submission with the ITIB SOK system (<https://sok.itib.polsl.pl/>).



Previous conference proceedings appear in the Science Citation Index by Clarivate Analytics

**ITIB 2025 Conference
Submission Process**



FAILURE TO PAY THE REGISTRATION FEE IS EQUIVALENT TO ACCEPTED PAPER(S) WITHDRAWAL FROM PUBLICATION



**Silesian University
of Technology**



EHTIC
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Innovation Center