



Komitet Biocybernetyki  
i Inżynierii Biomedycznej  
Polskiej Akademii Nauk

Committee of  
Biocybernetics and  
Biomedical Engineering  
of the Polish Academy  
of Sciences



Polskie Towarzystwo  
Inżynierii Biomedycznej  
Polish Society  
of Biomedical Engineering



Akademia Górniczo-Hutnicza  
w Krakowie

AGH University of Science  
and Technology, Kraków



# 1-st Call for papers

<http://www.pcbbe.agh.edu.pl>

In the year 2017, the **Polish Conference on Biocybernetics and Biomedical Engineering** will be held in Krakow, Poland from September 20-th to 22-nd. The conference will be hosted by AGH University of Science and Technology.

## The Venue

Krakow, the hometown of Kings of Poland and witness to coronation ceremonies, was the capital of a medieval monarchy spreading over territories from the Baltic to the Black Seas. Since the foundation of Krakow Academy, from which the later Jagiellonian University originated, the city attracted scientists and artists. Today, Krakow is Poland's second academic center with over 200,000 students, and a very dynamic scientific and cultural milieu. Having about 300 restaurants, pubs and cafes within the down town area, Krakow is known as the main destination of gourmet tourism in Poland.

## The Conference

The biannual **Polish Conference on Biocybernetics and Biomedical Engineering** meetings have been held for nearly four decades and attract scientists and professionals from the fields of engineering, medicine, physics, and computer science. This year's meeting is hosted by AGH University of Science and Technology and, thanks to English as the working language and an international Program Committee, opens to the scientists from the entire World. The 20-th PCBBE will be a great opportunity for an exchange of ideas and presentation of the latest developments in all areas within the field of biomedical engineering.

The conference topics include:

- Biomedical signal processing
- Biomedical imaging and image processing
- Biosensors and bioinstrumentation
- Biomaterials
- Biomechanics, robotics and minimally invasive surgery
- Cybernetics, bio-mimetics and modeling of biological systems
- Neural and rehabilitation engineering
- Artificial organs
- Molecular, cellular and tissue engineering
- Bioinformatics and computational biology
- Clinical engineering and health technology assessment
- Health informatics, e-health and telemedicine
- Biomedical engineering education

Original, high quality papers will be thoroughly reviewed by Programme Committee members and published in Conference Proceedings Springer Verlag Lecture Notes series. They will also be submitted for indexing by Web of Science. A separate Book of Abstracts will be available at the conference.

## Important Dates

Full paper deadline  
Full paper acceptance notification  
Camera ready papers due  
Authors payment deadline (papers)  
Abstract deadline  
Abstract acceptance notification  
Authors payment deadline (abstracts) + remaining participants  
Conference

**February 10, 2017**  
**March 30, 2017**  
**April 30, 2017**  
**April 30, 2017**  
**May 31, 2017**  
**June 30, 2017**  
**July 20, 2017**  
**September 20-22, 2017**

## Chair

**Prof. Roman Maniewski**

Institute of Biocybernetics and  
Biomedical Engineering PAS,  
Warsaw

## Honorary Chair

**Prof. Ryszard Tadeusiewicz**

AGH-University of Science and  
Technology, Krakow

## Co-Chair

**Prof. Ewa Zalewska**

President, Polish Society of  
Biomedical Engineering,  
Warsaw

## Co-Chair

**Prof. Piotr Augustyniak**

AGH-University of Science and  
Technology, Krakow

## ORGANIZING COMMITTEE

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## CONTACT

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