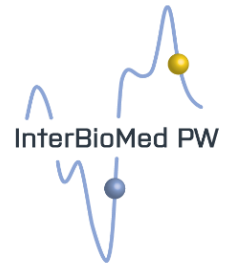




**The First Conference of the INTERBIOMED PLATFORM
WARSAW UNIVERSITY OF TECHNOLOGY**



"Man and Robot

a chance or a conflict in the medical environment? "

The InterBioMed Warsaw University of Technology Platform Organizing Committee
cordially invite you to **the conference** that will take place **on 6th June 2017**
in the Centre for Innovation Management and Technology Transfer,
Warsaw University of Technology

CONFERENCE AGENDA:

- 9:00 - 10:00 **REGISTRATION, WELCOMING COFFEE**
- 10:00 - 10:20 **OPENING (Hall)**
- Session I. Robotics in medicine as an integral component of health policy: an inevitable necessity or a threat?** (Lead by Prof. Zbigniew Brzózka, Prof. Cezary Rzymkowski)
- 10:20 – 10:40 **Dr Krzysztof Mianowski, PhD** (Faculty of Power and Aeronautical Engineering, Warsaw University of Technology)
The prospects of medical robotics as an element of technological development in medicine
- 10.40-11.00 **Assoc. Prof. dr hab. n med. Małgorzata Łukowicz**, Head of the Rehabilitation Clinical Department of the "Memorial of the Children's Health Centre" Institute, Head of the Rehabilitation University Department, Rehabilitation Department of the Physical Education Academy in Warsaw
Re-education of gait in patients after spinal core injury - current status and prospects
- 11.00-11.20 **Assoc. Prof. dr hab. Beata Tarnacka**, Head of the Rehabilitation Clinic , I Department of Medicine , Medical University of Warsaw,
Neuroplasticity - Can this common feature of neurons be the face of modern rehabilitation?
- 11.20-11.45 **Dr. Dennis Grasmücke**, Universitätsklinik Bergmannsheil Bochum
- 11.45-12.15 **Jorgen R. Jorgensen**, Physiotherapist, Center for Rehabilitation of Brain Injury, University of Copenhagen
Bodyweight supported training after ABI
- 12.15 – 12.40 **Yoshihiro Yasunaga** , Cyberdyne Inc .
„ What is HAL ? Usage of HAL® in Japan.”
- 12.40 - 13.00 **Representatives of scientific societies, Warsaw University of Technology/ Medical University of Warsaw**
The point of view of the young generation on the coexistence of people and machines in terms of the latest technological advances in medicine

13.00 – 13.10 **Paweł Zych**, IBS WARSAW UNIVERSITY OF TECHNOLOGY Ltd.
An opportunity for promising innovations at the Warsaw University of Technology
i.e. Innovation Incubator +

13:10 – 14.10 **LUNCH (Main Hall)**

Session II. Rehabilitation robotics in clinical medicine (lead by: Prof. Małgorzata Łukowicz)

14.10 – 15.10 **Workshop (Main Hall):**
Constance Care/Prof. M. Łukowicz/Cyberdyne Inc.- Mr. Yoshihiro Yasunaga, Clinical
experience in rehabilitation of patients with spinal cord injury using the
neurologically controlled HAL system - HAL System Presentation -

15.10 – 15.40 **Workshop (Main Hall):**
Egzotech Luna EMG - Silesian University of Technology in Gliwice

15.40 – 16.00 **Dr Krzysztof Mianowski, PhD** (Faculty of Power and Aeronautical Engineering,
Warsaw University of Technology) **(Hall)**
Wojciech Kaczmarek, President, BIO.MORPH Ltd.
Rehabilitation robots - modern technology and chances for Polish contribution -
Presentation of the rehabilitation system for patients with spinal injuries

16.00 - **Panel discussion, questions and answers, summary (Hall)**

Please fill in the short registration form at the Website:

<https://www.interbiomed.pw.edu.pl>

Participation in the conference is free of charge

Partners:



The conference is co-organized by the consortium
**Institute for Applied Research of Warsaw University of Technology Ltd.,
Centre for Innovation and Technology Transfer Management Warsaw University of
Technology, and PIAP-ScienTech Ltd. implementing the "Incubator of Innovation +"
project.**



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