



Instytut  
Zarządzania



POLITECHNIKA  
BYDGOSKA  
im. Jana i Jędrzeja Śniadeckich



Ostfalia  
University of  
Applied Sciences



**The Institute of Management at the Warsaw University of Life Sciences (SGGW)  
and the Faculty of Management and Technical Sciences  
of the Managerial Academy of Applied Sciences in Warsaw**

in collaboration with

**the Faculty of Agriculture and Biotechnology  
at the Bydgoszcz University of Science and Technology, Poland  
Ostfalia University of Applied Sciences, Sderburg Campus, Germany  
National University of Life and Environmental Sciences of Ukraine, Ukraine**

cordially invite you to

**1st International Scientific Conference  
HUMAN TECHNOLOGY SAFETY  
IN INDUSTRY 5.0**

which will be held online (*MS Teams*) **on May 30, 2025.**

**Conference Objective**

The goal of the conference is to identify key challenges and opportunities arising from the integration of modern technologies with the role of humans in the industrial environment, **with particular emphasis on aspects of cybersecurity, trust, intuition, and sustainable development in the era of Industry 5.0.**

The event aims to facilitate the exchange of views and experiences between representatives of the scientific community and practitioners, as well as foster collaboration within international and project teams.

Participants will share experiences related to the implementation of Industry 5.0 solutions. The exchange of ideas will cover issues related to the limits of machine autonomy in the work environment. An essential part of the discussion will also be organizational and social responsibility, as well as the impact of new technological solutions on shaping a work culture based on sustainable development principles.

During the conference, key issues related to the role of humans in the Industry 5.0 environment will be addressed, including challenges in workplace safety, collaboration with technology, and artificial intelligence. Participants will discuss new competencies, trust in digital systems, and the ethical aspects of process automation. A key element will also be the reflection on sustainable development and social responsibility in the context of industrial transformation.

Participation in the conference **is free of charge.**

Participants will receive an email with a link to the event.

Conference registration will be accepted until **May 16, 2025**, via the registration form.

<https://forms.gle/QZdFj7sR8heMD7CR9>

**Publications**

- Articles submitted for the conference may be published **free of charge** in the journal *Zeszyty Studia Społeczne*, published by the Managerial Academy of Applied Sciences in Warsaw (20 points according to MNiSW). Details are available on the website: <https://mans.org.pl/studia-spoleczne/>.
- In a monograph published in Polish or English by a renowned Polish publisher (20 points according to MNiSW) – an abstract must be submitted (link) in the registration form **by May 16, 2025**. The publication fee is 1200 PLN (payment will be made after the required number of articles for the monograph is collected).

With Best regards,  
The Organizers

## SCIENTIFIC COMMITTEE

**prof. dr hab. inż. Joanna Paliszkiewicz** - Warsaw University of Life Sciences  
**prof. dr hab. Andrzej Piotr Wiatrak** - University of Warsaw  
**prof. dr hab. inż. dr h.c. Zbigniew Ciekankowski** - Managerial Academy of Applied Sciences in Warsaw  
**prof. Markus Launer** - Ostfalia University of Applied Sciences Campus Sderburg  
**prof. Tetiana Balanovska** - National University of Life and Environmental Sciences of Ukraine  
**prof. dr hab. Marta Barna** - Lviv University of Trade and Economics  
**prof. dr hab. Irena Ozimek** - Warsaw University of Life Sciences  
**prof. dr hab. inż. Tomasz Jałowicz** - Warsaw University of Life Sciences  
**dr hab. inż. Barbara Breza-Boruta, prof. PBŚ** - Bydgoszcz University of Science and Technology  
**dr hab. inż. Marek Matejun, prof. UŁ** - University of Łódź  
**dr hab. inż. Valeriy Kuznetsov, prof. MANS** - Managerial Academy of Applied Sciences in Warsaw  
**dr Tetyana Nestorenko, prof. AŚ** - Silesian Academy in Katowice  
**dr hab. inż. Marek Iwaniec, prof. AGH** - AGH University of Krakow  
**dr hab. Marcin Ratajczak, prof. SGGW** - Warsaw University of Life Sciences  
**dr hab. Hanna Górską-Warsewicz, prof. SGGW** - Warsaw University of Life Sciences  
**dr hab. Wojciech Pizło, prof. SGGW** - Warsaw University of Life Sciences  
**dr hab. Tomasz Rokicki, prof. SGGW** - Warsaw University of Life Sciences  
**dr inż. Barbara Wyrzykowska** - Warsaw University of Life Sciences  
**dr inż. Marzena Kacprzak** - Warsaw University of Life Sciences  
**dr Agnieszka Król** - Managerial Academy of Applied Sciences in Warsaw  
**dr Izabela Wielewska** - Bydgoszcz University of Science and Technology  
**dr inż. Agnieszka Tul-Krzyszczuk** - Warsaw University of Life Sciences  
**dr inż. Jolanta Cichowska** - Bydgoszcz University of Science and Technology  
**dr inż. Agnieszka Biernat-Jarka** - Warsaw University of Life Sciences  
**dr Barbara Drapikowska** - War Studies University in Warsaw  
**dr Hubert Szczepaniuk** - Warsaw University of Life Sciences  
**dr inż. Sławomir Jarka** - Warsaw University of Life Sciences  
**dr Krystian Malesa** - SGH Warsaw School of Economics

## ORGANIZING COMMITTEE

### Chairperson

**dr inż. Barbara Wyrzykowska**, **e-mail:** barbara\_wyrzykowska@sggw.edu.pl  
**dr inż. Marzena Kacprzak**, **e-mail:** marzena\_kacprzak@sggw.edu.pl

### Members

**dr Izabela Wielewska** - Bydgoszcz University of Science and Technology  
**dr Hubert Szczepaniuk** - Warsaw University of Life Sciences  
**dr inż. Jacek Skudlarski** - Warsaw University of Life Sciences  
**mgr inż. Anna Pfejfer-Buczek** - Managing Partner Transition Group Sp. z o. o.  
**Matylda Wilczyńska** - Warsaw University of Life Sciences

## CONFERENCE TOPICS

1. **The Role of Humans in an Automated Work Environment** – new competencies, collaboration with AI, ergonomics.
2. **Trust and Ethics in Human–Technology Interaction** – boundaries of responsibility and the impact of algorithmic decisions.
3. **Workplace Safety in Industry 5.0** – cybersecurity, data protection, and physical safety of employees.
4. **Human Capital Management in the Era of Industry 5.0** – motivation, communication, change management.
5. **Intuition vs. Technology** – synergy between human and algorithmic decision-making, implementation of smart technologies in industrial processes, robotics, IoT, artificial intelligence.
6. **Sustainable Development and Social Responsibility in Industry 5.0** – technologies and their impact on the environment and society.
7. **New Leadership and Work Organization Models** – leaders in the era of digital transformation.
8. **Education and Development of Future Skills** – preparing employees for collaboration with technology.