

**Program of the International scientific conference "Innovations for
a sustainable future - a holistic approach" as part of the celebration
of the 30th anniversary of the University of Technology
and Arts in Applied Sciences in Warsaw**

9:00 AM -9:30 AM

Participants Registration
16 Rejtana St., Warsaw, Poland

9:30 AM – 9:45 AM

Room 4, 16 Rejtana St., Warsaw, Poland

Online:

<https://zoom.us/j/96679040437?pwd=cBMoFWj2L8bfkVbeFAYE81ZA2k0Qa5.1>

Meeting ID 966 7904 0437

Passcode 076984

Welcome Address to Participants

by His Magnificence, the Rector of the University of Technology and Arts in Applied Sciences in Warsaw - Dr. Janusz Mrowiec, associate professor and PhD. Eng. Ewelina Pałucka, associate professor, Vice-Dean of the Faculty of Engineering and Management.

The conference takes place in four independent/parallel thematic panels:

- **ENGINEERING.....page 2**
- **ARCHITECTURE, CIVIL ENGINEERIN, URBAN PLANNING.....page 4**
- **MANAGEMENT, ECONOMICS, HEALTH CARE.....page 6**
- **EDUCATION & HUMANITIES.....page 8**

- **PANEL: ENGINEERING**

Room 4, 16 Rejtana St., Warsaw, Poland Online:

<https://zoom.us/j/96679040437?pwd=cBMoFWj2L8bfkVbeFAYE81ZA2k0Qa5.1>

Meeting ID 966 7904 0437

Passcode 076984

9:50 AM – 11:30 AM

1. *The role of small modular reactors in future energy conversion system* – prof. PhD. Eng. Roman Domański, Łukasiewicz Research Network - Institute of Aviation, Warsaw
2. *Using Artificial Intelligence for Data Analysis in Industrial Devices* – Vladyslav Antoniv, National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”
3. *Topological Optimization in the Process of Designing 3D Printed Elements* – master eng. Robert Saraczyn, Warsaw University of Technology, University of Technology and Arts in Applied Sciences in Warsaw
4. *Digital Transformation in the Hospitality Industry: The Role of Electronic Menus in Innovation and Sustainability* – ass. Professor Mimoza Zhubi, Faculty of Applied Sciences in Ferizaj
5. Discussion

11:30 AM – 11:45 AM

Main hall, 16 Rejtana St., Warsaw, Poland

Coffee break

11:45 AM -1:00 PM

1. *Sustainable Innovation in the Food Industry: Transformative Practices and Future Challenges within the Entrepreneurial Ecosystem* - Ulviyya Ulviyya Azerbaijan Technological University
2. *Salmonella intervention in food products* - Oksana Yablonska, Doctor of Veterinary Science, Volodymyr Dhal East-Ukrainian National University
3. *Evaluation of the properties of particleboard made with Rice Husk using Cassava Starch as a bioadhesive* – Jessie Pepén Bodré, Instituto Tecnológico de Santo Domingo (INTEC)
4. Discussion

1:00 PM – 1:30 PM

Main hall, 16 Rejtana St., Warsaw, Poland

Lunch break

1:30 PM – 3:00 PM

1. *Strategie zrównoważonego rozwoju w projektowaniu opakowań* - PhD Maciej Konopka, associate profesor - University of Technology and Arts in Applied Sciences in Warsaw, Academy of Fine Arts in Warsaw
2. *Unmanned Aerial Vehicles as a Part of Sustainable Future* - Ivanna Dovbysh National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”
3. *Evaluation of an alginate extraction method from Sargassum sp. on the Dominican coast: A sustainable solution to the sargassum problem* - Cristal Richiez, Instituto Tecnológico de Santo Domingo (INTEC)
4. *First steps in the development of Biocomposites with Starch and Coconut Fiber in the Dominican Republic* – Emilio Socías, Instituto Tecnológico de Santo Domingo (INTEC)
5. Discussion

- **PANEL: ARCHITECTURE, CIVIL ENGINEERING, URBAN PLANNING**

Room 37, 16 Rejtana St., Warsaw, Poland

Online:

<https://zoom.us/j/91766840533?pwd=d3dxCcUiFz31eBlBmgZUg1GbaVLqcW.1>

Meeting ID 917 6684 0533

Passcode 488927

9:50 AM– 11:30 AM

1. *Warszawski Standard Zielonego Budynku*, Szymon Kościerzyński, Department of Climate Policy, Bureau of Air Protection and Climate Policy, City of Warsaw Office
2. *Dobre praktyki w modelowaniu i zarządzaniu informacją o obiekcie budowlanym (BIM)* - Dr inż. Andrzej Borkowski, University of Technology and Arts in Applied Sciences in Warsaw, Warsaw University of Technology
3. *Jak zrozumieć zabytek? METODA NA WSPÓŁCZESNE ZALECENIA JAKOŚCIOWE: Remont, modernizacja i rozbudowa zabytkowej kamienicy w Piasecznie przy ul. Kościuszki 29*, master eng./architect. Piotr Kalbarczyk, University of Technology and Arts in Applied Sciences in Warsaw
4. *Integracja systemu zarządzania zielenią w mieście, ze szczególnym uwzględnieniem dużych drzew*, professor Edyta Rosłon-Szeryńska, Warsaw University of Life Sciences
5. Discussion

11:30 AM – 11:45 AM

Main hall, 16 Rejtana St., Warsaw, Poland

Coffee break

11:45 AM – 1:00 PM

1. *The Role of the Discipline of Architecture and Urban Planning in the Innovative Creation of a Sustainable Future*, professor PhD Eng., architect Zbigniew Paszkowski, University of Technology and Arts in Applied Sciences in Warsaw
2. *Building resilient and self-sufficient local communities through community supported agriculture*, PhD Agata Rudnicka, University of Lodz
3. *Can Membrane Structures Be a Cost-Effective Solution for a Sustainable Built Environment?*, PhD Vuc Milošević, University of Niš
4. Discussion

1:00 PM – 1:30 PM

Main hall, 16 Rejtana St., Warsaw, Poland

Lunch break

1:30 PM – 3:00 PM

1. *Innovative Digital Solutions for Reclaiming Public Open Spaces in Multi-Family Residential Neighbourhoods: Challenges and Prospects of Implementation in the City of Niš*, Serbia, PhD Milica Igić, University of Niš
2. *Ways and Methods Ensuring Sustainability for Industrial Design*, Nona Shiroyan, National Universities of Architecture and Construction of Armenia, Jiangnan University of Wuhan
3. *Światłoczułość materii - Zrównoważone techniki obrazowania w kontekście sztuki i ekologii*, professor Anna Plewka, University of Technology and Arts in Applied Sciences in Warsaw
4. Discussion

- **PANEL: MANAGEMENT, ECONOMICS, HEALTH CARE**

Room 25, 16 Rejtana St., Warsaw, Poland

Online:

<https://zoom.us/j/92174980870?pwd=HWQaIT76Jsl8a1wOEqYGEQCZjBSGHP.1>

Meeting ID 921 7498 0870

Passcode 517438

9:50 AM – 11:30 AM

1. *Zarządzanie różnorodnością i inkluzją jako kluczowy element zrównoważonego rozwoju organizacji w Polsce*, PhD Wioleta Gałat, Krakow University of Economics
2. *Paradygmat wsparcia przedsiębiorczości ze środków publicznych, obecna sytuacja gospodarcza i wnioski na przyszłość*, PhD Dariusz Kowalski, SWPS University
6. *Przedsiębiorczość technologiczna źródłem nowoczesnych rozwiązań innowacyjnych*, PhD Eng. Zbigniew Chyba, Warsaw University of Technology, University of Technology and Arts in Applied Sciences in Warsaw
3. *Innowacje nauk techniczno-artystycznych w praktyce Zdrowia Publicznego*, dr nauk med. Jacek Putz, University of Technology and Arts in Applied Sciences in Warsaw
4. Discussion

11:30 AM – 11:45 AM

Main hall, 16 Rejtana St., Warsaw, Poland

Coffee break

11:45 AM – 1:00 PM

1. *Rola subwencji ekologicznej w zrównoważonym rozwoju gmin Mazowsza*, PhD Małgorzata Szalast-Piwińska, University of Technology and Arts in Applied Sciences in Warsaw
2. *Innovative technologies in ensuring sustainable development of communities: investment support and efficiency assessment*, PhD Natalia Skorobogatova, National Technical University of Ukraine “Igor Sikorsky Kyiv Polytechnic Institute”
3. *Green Bonds: Catalysts for Innovation, Climate Resilience, and Sustainable Growth in a Changing World*, Ramida Khalilova, Azerbaijan Technological University
4. Discussion

1:00 PM – 1:30 PM

Main hall, 16 Rejtana St., Warsaw, Poland

Lunch break

1:30 PM - 3:00 PM

1. *Towards a Holistic Framework for CSR in Small and Medium-Sized Enterprises: An Integrated Approach*, Oļegs Ņikadimovs, MBA, University of Latvia
2. *Innovative Strategies for Sustainable Development through Economic Growth, Ecological Preservation, and Social Equity*, Jamala Tahirzade, Azerbaijan Technological University
3. *Digital Technologies for Sustainability in the organization: AI and recruitment*, Professor Roya Anvari, The University of Georgia
4. *Healthcare in conflict zones*, Professor Tengiz Verulava, Caucasus University
5. Discussion

PANEL: EDUCATION & HUMANITIES

Room 14A, 16 Rejtana St., Warsaw, Poland

Online:

<https://zoom.us/j/97647590842?pwd=VuhZG5Fiq6slrKETqYwY2HfjcYu53u.1>

Meeting ID 976 4759 0842

Passcode 205116

9:50 AM -11:30 AM

1. *Sustainability and Social Responsibility in University's Praxis* - Prof dr hab. Anna Odrowąż-Coates, UNESCO JANUSZ KORCZAK CHAIR, MARIA GRZEGORZEWSKA UNIVERSITY
2. *The Psychology of Poverty, Ivane JavakhishviliTbilisi State Unievrsity* - PhD Nazi Pharsadanishvili, Ivane JavakhishviliTbilisi State Unievrsity
3. *Veils of Perception: Orientalism and Colonial Influence in 18th-Century English Literature* – Ilaha Gurbanova, Azerbaijan Technological University
4. *The Need to Support Inclusivity in Higher Education for Sustainable Social Entrepreneurship*, Ph.D., Associate Professor, Leading Researcher Kristine Uzule, EKA University of Applied Sciences, Latvia
5. Discussion

11:30 AM – 11:45 AM

Main hall, 16 Rejtana St., Warsaw, Poland

Coffee break

11:45 AM -1:00 PM

1. *AI w Edukacji: Rewolucja czy Dylemat Etyczny?* - Anna Domin, University of Technology and Arts in Applied Sciences in Warsaw, THESEGIRLS.PL, WSB Merito
2. *Równość w edukacji jako fundament zrównoważonego rozwoju - podejście holistyczne* - PhD Eng. Katarzyna Skroban, PhD Eng. Marta Skierniewska, Warsaw University of Technology, University of Technology and Arts in Applied Sciences in Warsaw
3. *Analiza porównawcza wdrażania standardów zrównoważonego rozwoju w wybranych instytucjach szkolnictwa wyższego*, PhD Eng. Ewelina Pałucka, associate professor, University of Technology and Arts in Applied Sciences in Warsaw
4. Discussion

1:00 PM – 1:30 PM

Main hall, 16 Rejtana St., Warsaw, Poland

Lunch break

1:30 PM -3:00 PM

1. *Etyka - osnową aktywności badawczej i technicznej w dobie poszukiwania dróg minimalizacji zagrożeń cywilizacyjnych*, PhD Eng. Wojciech Urbański, , Warsaw University of Technology, University of Technology and Arts in Applied Sciences in Warsaw
2. *Żyjemy dłużej / ale mniej dokładnie - Potrzeba ducha w świecie materii*, Konrad Matuszewski, Academy of Fine Arts in Warsaw
3. Discussion