

# 4<sup>th</sup> International Forum on Innovative Technologies and Management for Sustainability

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## Programme

Venue: Panevėžys Science and Technology Park, 46 J. Žemgulio St, Panevėžys

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Chairperson dr. Ojaras Purvinis (Kaunas University of Technology, Lithuania)

- 12:00–12:20 **Andreas Ahrens, Jelena Zascerinska, Irina Macovei, Mihails Zascerinskis, Anastasija Aleksejeva. Building an Assessment Algorithm for Measuring Young Employees' Gender Based Discrimination, Sexual Harassment and Sexual Assault: Literature Overview.**
- 12:20–12:40 **Jakub Łuszczek, Lucjan Śniezek, Krzysztof Grzelak. Mechanical Properties Comparison of the Additively Manufactured Gears Made of Polymeric Materials With Improved Strength and Wear Resistance.**
- 12:40–13:00 **Ireneusz Szachogłuchowicz. The Influence of Aramide Fibers Addition on the Tensile Properties of the Acrylonitrile Butadiene Styrene Dedicated for the FFF Technology.**
- 13:00–13:20 **Jurgita Bertulienė, Nida Kvedaraitė. The Challenges of Industry 4.0 Revolution for Employees of Different Generations.**
- 13:20–13:40 **Dovydas Barauskas, Mindaugas Dzikaras, Donatas Pelenis, Gailius Vanagas, Marius Mikolajūnas, Darius Viržonis. Capacitive Micromachined Ultrasonic Transducers Modified With Inkjet Printing Method for Gas Sensing Application.**
- 13:40–14:00 **Donatas Aviža, Elvyra Zacharovienė. Multi-Objective Evaluation of the Effectiveness of the Materials of the Thermal Insulation Layer of the External Wall in A++ Class Public Building by MOORA Method.**

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- 14:00–14:20 Mindaugas Dzikaras, Donatas Pelenis, Dovydas Barauskas, Gailius Vanagas, Marius Mikolajunas, Darius Viržonis. CMUT-based Acoustic Streaming for Particle Mixing and Omnidirectional Transport in Microfluidic Environments.
- 14:20–14:40 Artūras Jukna. A New Concept of Electronic Devices Based on Type II Superconductor YBCO Films With Channel for Motion of Magnetic Vortices.
- 14:40–15:00 Živilė Stankevičiūtė, Vilma Linkevičiūtė. Do and How Recovery From Work Influences Task Performance While Working Remotely During COVID-19 Lockdown.
- 15:00–15:20 Darius Viržonis, Gailius Vanagas, Andrius Dzedzickis, Vytautas Bučinskas. Microfluidic Valves Made Up of Asymmetric Electrostatic Cells.