

Patrons



AGENDA GPSON2M | January 12–14, 2025 | WUST bldg. H14

Day 1 | January 12, 2025 | Sunday

17:00 – 19:00 Registration

19:00 – 22:00 Networking dinner

Day 2 | January 13, 2025 | Monday

09:00 – 10:00 Registration & welcome coffee

10:00 – 10:30 **Opening** Prof. D. Łydzba, Prof. M. Kuczma – chairs of GPSON2M

Prof. A. Wójs, *Rector of Wrocław Tech*

Prof. M. Mrówczyńska, *Vice-Minister of Science*

Prof. M. Kleiber, *Chair of Polish Committee of UNESCO*

Prof. T. Jesionowski, *Rector of Poznań UT*

Prof. U. Staudinger, *Rector of TU Dresden*

Prof. K. Urban, *President of GAMM*

Prof. M. Ziegenhorn, *BTU Cottbus-Senftenberg*

10:30 – 12:30 **Session dedicated to the memory of Prof. Fritz Nöther**

10:30 – 11:00 Prof. Holm Altenbach, OVGU Magdeburg

Fritz Nöther – a great Mathematician and victim of political arbitrariness

11:00 – 11:30 Prof. Matthias Ziegenhorn, BTU Cottbus

Investigations on the rolling sphere on a rotational surface – in memory of Fritz Nöther

11:30 – 12:30 Prof. Janusz Badur, IMP PAN Gdańsk

12:30 – 13:30 **LUNCH**

13:30 – 17:00 **WORKSHOP: Computational engineering to drive innovations**

13:30 – 15:00 Prof. Michael Kaliske, TU Dresden

Recent trends in simulating fracture and damage for concrete

15:00 – 15:30 Coffee break & networking

15:30 – 17:00 Prof. Michael Kaliske, TU Dresden

Computational methods in structural analysis for wooden structures

17:30 – 18:30 **ROUNDTABLE DISCUSSION: Scientist and Science – their roles and responsibilities towards society and the environment**

19:00 – 23:00 **GALA DINNER**

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Day 3 | January 14, 2025 | Tuesday

08:00 – 09:00 Registration & morning coffee

09:00 – 12:30 WORKSHOP: Numerical methods for PDEs, FEM, stability, convergence etc.

09:00 – 10:30 Prof. Łukasz Płociniczak, Wrocław Tech

10:30 – 11:00 Coffee break & networking

11:00 – 12:30 Prof. Łukasz Płociniczak, Wrocław Tech

12:30 – 13:30 LUNCH

13:30 – 17:00 WORKSHOP:

Artificial intelligence and machine learning methods in mechanical engineering

13:30 – 15:00 Prof. Janusz Szwabiński, Wrocław Tech

15:00 – 15:30 Coffee break & networking

15:30 – 17:00 Prof. Janusz Szwabiński, Wrocław Tech

Program Committee

Prof. Michał Kleiber	– Honorary Chair of the School, IFTR PAS
Prof. Dariusz Łydzba	– Co-Chair of the School, Vice-Rector for R&I, Wrocław Tech
Prof. Mieczysław Kuczma	– Co-Chair of the School, Chair of PS GAMM, Poznań UT
Prof. Marek Behr	– President of GACM, WTH Aachen University
Prof. Jerzy Kaczorowski	– Chair of the Committee of Mathematics of PAS, AMU Poznań
Prof. Michael Kaliske	– Secretary of GAMM, TU Dresden
Prof. Tomasz Krzyżyński	– President of PTMTS, Koszalin UT
Prof. Marcin Magdziarz	– Wrocław Tech
Prof. Jacek Mięgisz	– President of the Polish Mathematical Society, U of Warsaw
Prof. Błażej Skoczeń	– Chair of the Committee on Mechanics of PAS, Cracow UT
Prof. Wojciech Sumelka	– President of PACM, Vice-Rector for Research, Poznań UT
Prof. Ronald Tetzlaff	– Chief Officer Technology Transfer and International., TU Dresden
Prof. Karsten Urban	– President of GAMM, Ulm University
Prof. Peter Wriggers	– Ex-President of GAMM, Ex-Vice-Rector for Research, LU Hannover
Prof. Matthias Ziegenhorn	– BTU Cottbus-Senftenberg

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