



CONFERENCE PROGRAM

THE 12th INTERNATIONAL CONFERENCE ON ADVANCED CONCEPTS IN
MECHANICAL ENGINEERING

ACME 2026

JUNE 4 – 5, 2026
IAȘI, ROMANIA



Organized by:



FACULTY OF MECHANICAL ENGINEERING
“GHEORGHE ASACHI” TECHNICAL UNIVERSITY OF IAȘI
and
ROMANIAN ACADEMY OF TECHNICAL SCIENCES



Under the aegis of:

ROMANIAN MINISTRY OF EDUCATION
ACADEMY OF ROMANIAN SCIENTISTS

In partnership with:

SRR - ROBOTICS SOCIETY OF ROMANIA
SRT - ROMANIAN SOCIETY OF THERMODYNAMICS
SIAR - SOCIETY OF AUTOMOTIVE ENGINEERS OF ROMANIA
AROTMM - ROMANIAN ASSOCIATION FOR MECHANISMS AND MACHINE SCIENCE
AFCR - ROMANIAN ASSOCIATION FOR REFRIGERATION AND CRYOGENICS ENGINEERS
SROMECA - ROMANIAN ASSOCIATION OF MECHATRONICS
ART - ROMANIAN TRIBOLOGY ASSOCIATION

Main sponsor:

QUARTZ MATRIX SRL



CONFERENCE PROGRAM OUTLINE

Thursday, June 4th, 2026

09:00 – 09:30 Participants Registration (TUIASI Conference Room)

09:30 – 10:00 Welcome, Conference Opening Ceremony

10:00 – 11:30 Plenary Session (TUIASI Conference Room)

1. Embodied Mechanical Intelligence: From Physics-Based Modelling to Intelligent Motion and Control

Teresa Zielińska – Warsaw University of Technology, Warsaw, Poland

2. A Novel Paradigm for Mechatronic Systems Design

José Machado – University of Minho, Portugal

12:00 – 13:00 Lunch Break (TUIASI Restaurant)

13:30 – 16:00 Sections Session

16:00 – 16:15 Coffee Break

16:15 – 18:30 Sections Session

19:00 Dinner (TUIASI Restaurant)

Friday, June 5th, 2026

07:30 – 12:00 Trip to Cricova, Republic of Moldova

12:00 – 15:00 Visit of Cricova winery and Lunch

15:00 – 16:30 Trip to Orhei, Republic of Moldova

16:30 – 18:00 Break

18:00 – 15:00 "History of wine", CHATEAU VARTELY winery

19:00 – "The secrets of technique - memories from the future" (CHATEAU VARTELY Restaurant)

Saturday, June 6th, 2026

10:00 – Trip to Iasi

NOTE: All times are Eastern European Summer Time (EEST)