

Symposium Chair

- Prof. József Váncza, Institute for Computer Sciences and Control, Hungary

Scientific Committee

- Prof. Fengzhou Fang, Tianjin University, China & University College Dublin, Ireland
- Prof. Kornel Ehmann, Northeastern University, USA
- Dr. Nicolas Blondiaux, Centre for Electronics and Microtechnology, Switzerland
- Prof. Han Haitjema, Katholieke Universiteit Leuven, Belgium
- Mr. Barry Walsh, Alcon Laboratories Ireland Ltd, Ireland
- Prof. Lihui Wang, KTH Royal Institute of Technology, Sweden
- Prof. Xichun Luo, University of Strathclyde, UK

ORGANISERS

- The International Academy of Engineering and Technology (AET).
- Institute for Computer Science and Control (SZTAKI)

CALL FOR PAPERS

Atomic and close-to-atomic scale manufacturing (ACSM) aims to realize cost-effective, deterministic, and scalable manufacturing of next-generation products with atomic-level precision by addressing quantum uncertainty in atomic-level material manipulation (removal, migration, and addition). It is the fundamental technology for opening a new manufacturing paradigm - "Manufacturing IIP". There is significant frontier and ongoing research in this area. Meanwhile, a new round of industrial digital revolution is being nurtured worldwide, thanks to breakthroughs in emerging Industry 4.0 technologies.

It is our great pleasure to invite you to the 5th AET International Symposium on ACSM and Digital Manufacturing (AETS2023).

AIMS: The aim of the symposium is to provide one of the leading international forums for scientists, engineers, scholars and students to exchange latest developments, research findings and visions in the fields of ACSM and digital manufacturing. It also aims to provide a platform to foster R&D collaborations amongst academia, research institutions, and industries where joint research programmes can be formulated for mutual benefits.

CONFERENCE WEBSITE: <https://www.aet-ac.org/>

CONTACT E-MAIL: info@aets2023.sztaki.hu

SUBMISSION: Abstract template and submission weblink are available on conference website.

PUBLICATION: All the accepted abstracts will be included in the conference proceedings. Authors of selected abstracts will be invited to submit full articles to Nanomanufacturing and Metrology (Springer).

KEY DATES:

- Submission of abstract: 30 April 2023
- Notification of acceptance: 30 May 2023
- Camera-ready copy due: 30 June 2023

REGISTRATION*:

Early-bird (before 30 June 2023)

- General delegate €350
- AET members/Students €300

Regular registration (after 30 June 2023)

- General delegate €400
- AET members/Student €350

* Maximum 100 delegates.

