

MANUF2027

27th Manufacturing Conference

Connecting Innovation, Ideas & People

6–8 October 2027

Date

Budapest University of Technology and Economics

Venue

International Conference

Official language: English

CALL FOR PRESENTATIONS

MANUF2027 is an international forum for researchers, engineers and industry professionals to present and discuss the latest advances in manufacturing science and engineering. The conference brings together expertise in manufacturing processes, metrology, automation, robotics and artificial intelligence, complemented by internationally recognised keynote speakers and excellent networking opportunities in Budapest, Hungary.

TOPICS

MANUFACTURING PROCESSES AND TOOLING

Machining and cutting · Additive and hybrid manufacturing · Forming, joining and surface engineering · Tool design and wear · Composite and advanced materials · Sustainable manufacturing

AUTOMATION AND INDUSTRIAL ROBOTICS

Industrial and robotic manufacturing · Autonomous systems · Human–robot collaboration · Flexible automation · Mechatronics, sensors and control · Digital twins and cyber-physical production

INDUSTRIAL METROLOGY AND QUALITY ENGINEERING

Dimensional and coordinate metrology · Surface integrity · NDT and inspection · Process monitoring · Statistical quality control · Digital metrology and quality analytics

ARTIFICIAL INTELLIGENCE IN MANUFACTURING

Machine learning · Computer vision · AI-based monitoring and predictive maintenance · Intelligent process planning and optimisation · Industrial analytics · Generative AI and LLMs

SUBMISSION & PRESENTATION

Submit a one-page extended abstract using the official template. Accepted abstracts will be published electronically on the conference website. Choose either a standard 10-minute presentation (+5 min discussion) or a 5-minute presentation (+2 min discussion). Both formats are considered equally during review.

PUBLICATION OPPORTUNITY

Outstanding presentations selected by the Scientific Committee will be invited to submit an extended paper to *Periodica Polytechnica Mechanical Engineering*, an international peer-reviewed journal indexed in Web of Science and Scopus. The first peer-review decision is guaranteed within one month for invited papers.

IMPORTANT DATES

31 March 2027

Abstract submission deadline

30 April 2027

Abstract acceptance notification

September 2027

Final programme

6–8 October 2027

Conference

KEYNOTE HIGHLIGHTS

József Váncza · President of CIRP | **Gábor Stépán** · Member of the Hungarian Academy of Sciences, CIRP Fellow | **Jan Hendrik Dege** · Chair of Production Engineering, Hamburg University of Technology

Further distinguished keynote speakers will be announced soon.

REGISTRATION

Early Bird (until 30 June 2027): 450 EUR + VAT*

Regular (from 1 July 2027): 500 EUR + VAT*

WHAT IS INCLUDED

Scientific sessions · Conference lunches · Coffee breaks · Social programme · Gala Dinner · Electronic publication

* For VAT details, payment terms and cancellation policy, please visit the conference website.