



Sponsored by
The International Academy
for Production Engineering CIRP

**SAVE THE
DATE**



ICTIMT 2027

5th International Conference on

**THERMAL ISSUES
IN MACHINE TOOLS**

16–17/06 2027

PRAGUE | CZECH REPUBLIC

The conference highlights research on **thermal issues in machine tools, forming machines, industrial 3D printers, hybrid machines and related processes:**

- Thermal Simulation & Modelling
- Thermal Error Compensation
- Design & Robustness
- Thermal accuracy of parts
- Measurement & Testing
- Thermal aspects of fluids in MT
- Machining and additive processes
- Predictive maintenance
- Energy Efficiency
- Artificial Intelligence (AI)
- Digital Twins & Cyber-Physical Systems

CALL FOR PAPERS opens on April 13th, 2026

For further information please visit our website www.ictimt2027.cz or contact us via e-mail to conference@ictimt2027.cz

Honorary Chair:	Prof. Dr.-Ing. Steffen Ihlenfeldt
Conference Chair:	Dr. Matej Sulitka
Conference Co-Chair:	Assoc. Prof. Dr. Martin Mareš Dr.-Ing. Lars Penter

Organized by:

Czech Technical University in Prague, Faculty of Mechanical Engineering, Research Center of Manufacturing Technology (RCMT)
head of RCMT: Assoc. Prof. Dr. Petr Kolář



Chair of Machine Tools Development and Adaptive Controls (LWM)
of Technische Universität Dresden



Swiss competence center for production technology inspire

inspire