



University of Zenica  
Faculty of Mechanical Engineering  
Bosnia and Herzegovina



Universitat Politècnica de Catalunya  
ETSEIB-DEM  
Barcelona, Spain



Bahçeşehir Üniversitesi  
Mühendislik ve Doğa Bilimleri Fakültesi  
Istanbul, Turkey

21<sup>th</sup> International Research/Expert Conference  
"Trends in the Development of Machinery and Associated Technology"

TMT 2018, Karlovy Vary, Czech Republic

18<sup>th</sup> - 22<sup>th</sup> September, 2018

**CALL FOR PAPERS**

The Organizing Committee invites authors and participants to submit paper title and abstract (max. 20 typewritten lines, in English language), not later than March 15<sup>th</sup> 2018, addressed to the organizer. Please, identify the topic area in which your article should be included. The official language of the Conference is English. The papers accepted by reviewers will be printed in the Conference Proceedings only if registration fee is paid before June 15<sup>th</sup> 2018.

Presentation of the paper can be either on poster or orally. All papers, including posters, will be included in Proceedings of the Conference. ONLY ORALLY PRESENTED PAPERS will be included in Journal of Trends in the Development of Machinery and Associated Technology. The Journal is available online - ISSN 2303-4009 (online). Each author can have maximally 3 papers published in the proceedings.

**PLACE of EVENTS - KARLOVY VARY, CZECH REPUBLIC**



For additional information on booking please, contact Travel agency:

**Centrotours**

<http://centrotours.ba/uimages/karlovyvaryTMT2018.pdf>

**IMPORTANT DATES**

Submission of abstracts.....March 15<sup>th</sup> 2018  
Submission of the full paper .....May 15<sup>th</sup> 2018  
Registration fee payment .....June 15<sup>th</sup> 2018  
Final Programme..... July 15<sup>th</sup> 2018  
TMT 2018 ..... September 18<sup>th</sup> to 22<sup>th</sup> 2018

**SEND YOUR ABSTRACTS TO:**

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[sekinovic@mf.unze.ba](mailto:sekinovic@mf.unze.ba)

**MORE INFORMATION AVAILABLE ON:**

**Web:** <http://www.tmt.unze.ba>

**CONFERENCE FEE:**

200,00 EUR + 25,00 EUR (for poster presentation)

THE POSTERS WILL BE PREPARED BY ORGANIZER!

The conference fee includes a copy of Conference Proceedings and accompanying materials, admission to all sessions and presentations, refreshments, Gala dinner and welcome drink .



**MAIN TOPICS**

**1. MANUFACTURING TECHNOLOGIES AND MATERIALS**

3D Printing and Additive Manufacturing Technologies (Fused Filament Fabrication, Stereolithography, Selective Laser Sintering ...); Assembly and Disassembly; Machining; Nonconventional Machining; High Speed Machining; Dry Cutting, MQL Machining; High Performance Machining; Rapid Prototyping, Micromachining, Manufacturing Processes; Welding Processes; Plastic Forming Processes; Materials; Engineering of Polymers; Powder Metallurgy; Measuring; Thin & Thick Coatings; Surface Engineering; Molding Processes; CAM technologies; ...other subtopics

**2. INDUSTRIAL ENGINEERING**

Diagnostic; Expert Systems; Autonomous Systems; Environmental Design; Reengineering; Knowledge Based Systems; Robot Applications; Mobile Robots; Optimizations, Reliability, Safety, Production Systems, Agile Manufacturing, Concurrent Manufacturing; Control, Flexible Manufacturing Systems; Hybrid Manufacturing Systems; CAP technologies; CIM technologies; Knowledge Management, Project Management, Production Management Systems, Quality Management, TQM, Maintenance, Nondestructive Testing, Operational Research Applications in Production, Scheduling, Supply Chain Management, Logistics, Electrical Engineering, Power Systems, Energetic; Ecology, Environmental Engineering ...other subtopics

**3. APPLIED TECHNOLOGIES AND SOFTWARE ENGINEERING**

Software Engineering Applications, Sensors; Industrial Robots; Microrobotics; Programming; Simulations, Virtual Manufacturing; Industrial Automation; Hardware & Software; Signal Processing, Networking; Neural Network; Artificial Intelligence, Engineering Education Systems ...other subtopics

**4. MECHANICAL CONSTRUCTIONS & DESIGN**

Design and Construction; Design Automation; Robots- Kinematics, Dynamics; Mechanism; Numerical Methods; Optimal Design, Tolerance Analysis; CAD technologies; Environmental Design, Fluid Mechanics, Mechatronics ...other subtopics



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