

# UMITIK 2024 ANKARA

**14-17 AUGUST 2024**

## HONORARY KEYNOTE SPEAKER

### DIGITAL TWIN FOR MACHINE TOOL MONITORING



Prof. Yusuf ALTINTAŞ  
British Columbia University

## KEYNOTE SPEAKERS

### VECTOR 3D PRINTING



Prof. Dr. Charlie C. L. WANG  
Manchester University



### INNOVATION FACILITATION AT DESIGN PROCESS

Prof. Dr. Tomoyuki Miyashita  
Waseda University

## SPECIAL SESSIONS

### DESIGN AND HUMAN INTERFACE



Prof. Tetsuro OGI  
Keio University



Asst. Prof. Kei MATSUOKA  
Shonan Institute of Technology

### DESIGN SCIENCE AND TIMEAXIS DESIGN



Prof. Yoshiyuki MATSUOKA  
Keio University &  
Waseda University



Assoc. Prof. Takeo KATO  
Keio University

### DYNAMICS AND MACHINING STABILITY FOR FLEXIBLE SYSTEMS



Dr. Z. Murat Kilic  
University of Manchester



Prof. Jixiang Yang  
Huazhong University of  
Science and Technology



Dr. Mohit Law  
Indian Institute of  
Technology Kanpur

## SCOPE

Industry 4.0 Applications and Case Studies  
Flexible and Distributed Manufacturing Systems  
Modeling and Simulation of Manufacturing Systems and Processes  
Additive Manufacturing Technologies  
Modeling and Analysis of Failure in Mechanical Systems  
Advanced Materials in Machine Design and Manufacturing  
Design of Machines and their Applications  
Mechanical Design and Production of MEMS  
Sensor Technologies and Networks in Design  
Novel Trends in Engineering Design  
Design, Simulation, Modeling, Production and Safety Issues in Automotive Engineering  
Intelligent Systems in Production  
Design, Simulation, Modeling, Production and Safety Issues in Railway Trans. Eng.  
Metal Cutting and Metal Forming Technologies  
Sustainability in Design and Manufacturing  
Emerging Technologies in Design and Manufacturing  
Engineering Education in Design and Production  
Impact of Disruptive Technologies in design and Manufacturing  
Computational Mechanics and Applications  
Design, Simulation, Modeling, Production and Safety Issues in Aerospace Engineering  
Design for Transport Safety  
Ethics in Design and Manufacturing  
Artificial intelligence applications in design and manufacturing  
Smart and Intelligent Product Design  
Creativity and Innovation in Design  
Design of Production Processes

## IMPORTANT DATES

Manuscript Submission Due	June 7 <sup>th</sup> 2024
Notification of Acceptance	June 21 <sup>st</sup> 2024
Revised Manuscript Submission and Author Registration Due	July 12 <sup>th</sup> 2024
Announcement of the Conference Program	July 26 <sup>th</sup> 2024