Faculty of Mechanical Engineering, Department Automation
of Discrete Production Engineering at Technical University
of Sofia (TUS), Sofia, Bulgaria

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Automation of Discrete Production Engineering 2025

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Editor
Prof. Reneta Dimitrova, PhD
Technical University of Sofia, Bulgaria

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Since 1998, the department has held annually International Scientific and Technical Conference "Automation of Discrete Production Engineering" within the scientific days of the Technical University of Sofia. The conference is attended by leading scientists from Bulgaria and abroad. A special session is held, where innovative developments of students and young scientists are presented. Presentation of companies working in the field of automated discrete production and mechatronics is organized. Within the framework of the conference, a Round Table is held where current issues and problems of education, science and business are discussed.

The conference is organized by the Department of "Automation of Discrete Production Engineering" at the Faculty of Mechanical Engineering of the Technical University of Sofia. The topic of the conference is in the field of mechatronics, automation and robotization of discrete production. Nine main scientific directions are distinguished:

– Theoretical problems of automation of discrete production engineering
– Technologies and machines for automated discrete production engineering
– Automate the flow of parts
– Industrial robots and robotic complexes
– Assembly automation
– Mechatronics
– Control systems in discrete production engineering
– Innovation and engineering of automation of discrete production engineering
– CAD/CAM/CAE systems and virtual engineering

XXXIV International Scientific and Technical Conference "Automation of Discrete Production Engineering 2025" (XXXIV ISTC "ADP 2025"), from June 29 to July 2 2025 in the city of Sozopol.

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