



International Scientific Conference

MECHATRONICS, PRODUCTION TECHNOLOGIES, DIGITAL ENTERPRISE: latest success, challenges and trends

14 April 2021, on-line

Dear colleagues, doctoral students and students, we invite you to participate in the on-line International Scientific Conference on **14 April 2021**.

The Conference is organised within the KEGA 006STU-4/2021 Project: "Progressive form of interdisciplinary education and supporting the subject-specific study development at universities" and project ERASMUS+, project nr.: 2019-1-RO01-KA203-063153: Development of mechatronics skills and innovative learning methods for Industry 4.0

Aim

The Conference is aimed at the latest success, challenges and trends in the fields of mechatronics, production technologies and digital enterprise.

The Conference program is focused on the presentation of scientific-research activities of universities of international importance and will provide the participants with the information and experience exchange in related conference fields.

Conference languages

Official Conference languages: English, Russian, Slovak

Topics

- New approaches to modelling and simulation of sensors and monitoring and control systems in automated systems
- Progressive methods of robotic machines learning development
- Optimising approaches and methods of education management in the field of robotics and automation
- Computer-aided technologies
- Digital enterprise
- ERP systems
- Mechatronics in 4.0 Industry
- Drives/Actuators for robotic systems

- Navigation of mobile robots
- New solutions to detect and diagnose the failures in robotics
- Progressive applications of robotics and automation for practice
- Issues and perspectives in the field of robotics for children and education
- Other related topics focused on mechatronics, production technologies and digital enterprise

Publishing

The conference contributions in the scope of four pages at minimum will be published in the reviewed e-proceedings (CD) by the Ámos Publishing House, Ostrava, Czech Republic.

For contributions the following template MAPE 2021 is recommended:

http://dydaktyka.polsl.pl/roz7/mape/wyd/mape_paper_template.docx

Dates

Deadline for full papers: **10 April 2021**, send to: vanessa.prajova@stuba.sk

International Scientific Conference Board

- Dr.h.c. Prof. Ing. Pavol Božek, CSc., Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology in Trnava, Conference guarantor
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- Ing. Horváthová Martina, PhD., Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology in Trnava

Fees

The participation on the on-line conference and contributions publishing is **free of charge** for all participants.

Contact person

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