



ŽILinskÁ UNIVERZITA V ŽILINE
Výskumné centrum
UNIZA



Fakulta špeciálnej techniky
Trenčianska univerzita Alexandra Dubčeka v
Trenčíne



SLOVENSKÁ TECHNICKÁ
UNIVERZITA V BRATISLAVE
MATERIÁLOVOTECHNOLÓGICKÁ
FAKULTA SO SÍDLOM V TRNAVE



STROJNICKÁ FAKULTA
Katedra technológií, materiálov a počítačovej podpory výroby



1ST INTERNATIONAL SCIENTIFIC CONFERENCE

WELDING TECHNOLOGY 2023:

Industrial development technology of European Union

8th November 2023

Dear colleagues, doctoral students and students, we invite you to participate to International Scientific Conference on **8th November 2023**.

The international conference is organized as part of the Week of Science and Technology in Slovakia. The aim is to improve the perception of science and technology, their importance and to popularize them within the entire society and to arouse interest in the study of scientific and technical disciplines.

The organizers of the conference are::

The First Welding Company, Inc. in Bratislava, STU Faculty of Materials Science and Technology in Trnava (within project APVV-21-0232), Alexander Dubček University of Trenčín, Faculty of special technology.

Aim

The International Scientific Conference is aimed at the latest success, challenges and trends in the fields of technologies of welding and joining materials, special technology and additive manufacturing of components.

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

Conference language

Official Conference language is English.

Topics

- Technologies of welding and joining materials
- Additive manufacturing
- Computer-aided technologies
- New approaches to modelling and simulation
- Special technique, technologies and materials
- Experimental and theoretical methods of investigating microstructures

- Layers and coatings
- Advanced welding equipment
- Power beam processes

Other related topics focusing on metallic materials, composite materials and plastics.

Publishing

The conference contributions in the scope of four pages at minimum will be published in the reviewed e-proceedings (CD) by the AlumniPress MTF STU, J. Bottu 25, 917 24 Trnava, Slovakia.

To create a paper please use the attached template.

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

Dates

Deadline for sending the names of papers: **20th October 2023**, send to e-mail: beata.simekova@stuba.sk

Deadline for full papers: **6th November 2023**, send to e-mail: vanessa.prajova@stuba.sk

International Scientific Conference Committee

Chairman of the international scientific committee:

- Dr. h. c. Ing. Peter Fodrek, PhD., host. Prof., The First Welding Company, Inc. in Bratislava, Slovakia (SK)

Members of the international scientific committee:

- Ing. František Kolenič, PhD., The First Welding Company, Inc. in Bratislava, Slovakia (SK)
- Prof. Petro Loboda, DrSc. National Technical University of Ukraine "Igor Sikorsky Kiev Polytechnic Institute", Ukraine (UA)
- Prof. Ing. Milan Marônek, PhD., Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology in Trnava, Slovakia (SK)
- Prof. Dr. Ing. Steffen Keitel, SLV Halle, Germany (DE)
- Ing. Beáta Šimeková, PhD., Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology in Trnava, Slovakia (SK)
- Prof. Volodimir Nesterenkov, DrSc. Institute of Electric Welding E.O.Patona (PWI) Kiev, Ukraine (UA)
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- Assoc. prof. Ing. Jozef Bárta, PhD., Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology in Trnava, Slovakia (SK)

- Ltc. Assoc. prof. Ing. Zbyněk Studený, Ph.D., Department of Engineering Technology, Faculty of Military Technology, University of Defence, Brno, Czech Republic (CZ)
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- Assoc. prof. Sandra Dedjier – University of Novi Sad, Serbia (RS)
- Capt. Assoc. prof. Ing. David Dobrocký, Ph.D., Department of Engineering Technology, Faculty of Military Technology, University of Defence, Brno, Czech Republic (CZ)
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- Assoc. prof. Dr. Varga Gyula, University of Miskolc, Hungary (HU)
- Prof. Dr. György Kovács, University of Miskolc, Hungary (HU)

Organisation Committee

- Ing. Beáta Šimeková, PhD., Slovak University of Technology in Bratislava, Faculty of Materials Science and Technology in Trnava, Slovakia (SK)
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- Ing. Michal Šimek, PhD., The First Welding Company, Inc. in Bratislava, Slovakia (SK)
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- Ing. Igor Kováčik, The First Welding Company, Inc. in Bratislava, Slovakia (SK)
- Dr. Róbert Sánta, University of Dunaújváros, Hungary (HU)

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- Prof. Dr. József Sárosi, University of Szeged, Hungary (HU)
- Prof. Dr. György Kovács, University of Miskolc, Hungary (HU)

Fees

The participation on the International Scientific Conference and contributions publishing is **free of charge** for all participants.

Conference venue

The First Welding Company, Inc. is the research, development, production and certification company operating in the field of modern technologies of welding, cutting and surface treatment of materials.

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