The **17th** International Conference

Innovative Technologies for Joining Advanced Materials

Organizers

ISIM TIMIŞOARA
National R&D Institute for Welding and Material Testing - ISIM Timişoara

"Politehnica" University Timişoara

Technical Sciences Academy of Romania - Timişoara branch

With the support of Ministry of Education and Research

November 05-06, 2026

SPONSORS

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Conference Agenda

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Information concerning the conference

Face to face participation:

05 and 06 of November

Faculty of Automation and Computers from the University Politehnica Timisoara, Hall A101 - Bulevardul Vasile Pârvan 2, Timișoara 300223, Romania

Online:

05 and 06 of November

ZOOM platform: Meeting ID: **889 9181 2863** / Password: **244141** or https://us02web.zoom.us/j/88991812863?pwd=tQTfXxlR1nsgqp0YRPolii0pSBJWgb.1

Festive dinner:

Evening of 05.11.2026, starting from 6:30 PM

Location: Perla Events Ball Room, Piața Bisericii 8, Timișoara 300226, Romania

Additional information: tima@isim.ro

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Committees

Organizing Committee

- PhD. Eng. Victor VERBIȚCHI - National R&D Institute for Welding and Material Testing - ISIM Timişoara, Romania - Conference Chair;
- PhD. Eng. Nicuşor-Alin SÎRBU - ISIM Timişoara, Romania;
- Assoc. Prof. PhD. Eng. Florin DRĂGAN - Politehnica University Timişoara, Romania;
- Prof. PhD. Eng. Gheorghe LUCACI - Technical Sciences Academy of Romania - Timişoara Branch, Romania.

Scientific Committee

- Alin Constantin MURARIU - PhD. Eng. - National R&D Institute for Welding and Material Testing - ISIM Timişoara, Romania - Scientific Committee Chair;
- Nicuşor-Alin SÎRBU - PhD. Eng. - National R&D Institute for Welding and Material Testing - ISIM Timişoara, Romania;
- Bogdan RADU - Assoc. Prof. PhD. Eng. - Politehnica University Timişoara, Romania;
- Ilare BORDEAȘU - Prof. PhD. Eng. Habil. - Politehnica University Timişoara, Romania;
- Gabriela MĂRGINEAN - Prof. PhD. Eng. - University of Applied Sciences, Gelsenkirchen, Germany;
- Andrei Victor SANDU - Assoc. Prof. PhD. Eng. Habil. - "Gheorghe Asachi" Technical University of Iasi, Romania;
- Fernando MAÑAS - PhD. Eng. - Asociación Española de Soldadura y Tecnologías de Unión, Spain;
- Aleksandar SEDMAK - Prof. PhD. Eng. - University of Belgrade, Serbia;
- Leonid LOBANOV - PhD. Eng. - The E.O. Paton Electric Welding Institute, Kiev, Ukraine;
- Liviu MARSAVINA - Prof. PhD. Eng. - Politehnica University Timişoara, Romania;
- Viorel UNGUREANU - Prof. PhD. Eng. - Politehnica University Timişoara, Romania;
- Cosmin CODREAN - Assoc. Prof. PhD. Eng. - Politehnica University Timişoara, Romania;
- Dorin DEHELEAN - Prof. PhD. Eng. Habil. - Romanian Welding Society, Romania;
- Eugen GHITA - Assoc. Prof. PhD. Eng. - Politehnica University Timişoara, Romania;
- Monica IORDACHE - Assoc. Prof. PhD. Eng. - Politehnica University Piteşti, Romania;
- Eduard NIȚU - Prof. PhD. Eng. - Politehnica University Pitești, Romania;
- Mihail ȚÎȚU - Prof. PhD. Eng. - "Lucian Blaga" University of Sibiu, Romania;
- Adem KURT - Prof. PhD. Eng. - Gazi Üniversitesi Teknoloji Fakültesi, Metalurji ve Malzeme Mühendisliği Bölümü, Turkiye;
- Sanja PETRONIC - PhD. Eng. - University of Belgrade, Serbia;
- Ionel-Dănuț SAVU - Prof. PhD. Eng. Habil. - University of Craiova, Romania;
- Sorin Vasile SAVU - Prof. PhD. Eng. Habil. - University of Craiova, Romania;
- Elena SCUTELNICU - Prof. PhD. Eng. - "Dunărea de Jos" University of Galaţi, Romania;
- Dorin BORDEAȘU - PhD. Eng. - Politehnica University Timişoara, Romania;
- Christopher SMALLBONE - IIW Fellow, IIW President 2005-2008, Fellow Engineers Australia;
- Ion Dragoş UŢU - Prof. PhD. Eng. Habil. - Politehnica University Timişoara, Romania;

- Cristian COSMA - Assoc. Prof. PhD. Eng. - Politehnica University Timişoara, Romania;
- Abderrazak BOUTRAMINE - PhD. Eng. - Ibn Zohr University Agadir, Morocco;
- Judit KOVACS - PhD. Eng., Associate research fellow - University of Miskolc, Hungary;
- Fatima ZORRO - PhD. Eng., Project Manager, European Federation for Welding, Joining and Cutting (EWF), Belgium;
- Boshra SALEM - PhD Environmental Sciences - Faculty of Science - Alexandria University, Egypt;
- Marwa HALMY - PhD Environmental Sciences - Faculty of Science - Alexandria University, Egypt;
- Mohamed ESSID - PhD Lecturer - Faculty ISET SFAX, Tunis;
- Samar KAILANI - MSC Architecture, General's Secretary's assistant for Training and Qualification, Director of Engineers Academy for Training and Development / Jordan Engineers Association, Jordan;
- Emam YASSIN - Master of Business Administration (MBA), Head of Training & Studies Department, Jordan Engineers Association, Jordan;
- Ana QUEIRÓS - Project Manager - European Federation for Welding, Joining and Cutting (EWF), Portugal.

Editor

PhD. Eng. Nicuşor-Alin SÎRBU - National R&D Institute for Welding and Material Testing - ISIM Timişoara, Romania

Secretary

PhD. student Jur. Aurelia-Ioana BIHOLAR

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PROGRAM

Thursday, November 05, 2026

AGENDA	TIME	Hall A101	Faculty Hall innoCENTA	
	09:00 - 09:45	Participants registration		
	10:00 - 10:30	Opening		
	10:30 - 12:00	TIMA - Session 1	innoCENTA Festival 3rd edition	Entrepreneurial Discovery Workshop
	12:00 - 12:15	Coffee break		
	12:15 - 12:30	Sponsors presentations		
	12:30 - 13:30	TIMA - Session 1		
	13:30 - 14:30	Lunch break		
	14:30 - 17:00	TIMA - Session 2		
	16:00 - 16:30		Awarding medals and diplomas	
	16:30 - 17:00		innoCENTA Festival 3rd edition	
	17:00 - 18:00	Open day at ISIM Timișoara		
	18:30	Festive dinner - Perla Events Ball Room		

Friday, November 06, 2026

AGENDA	TIME	Hall A101	Faculty Hall innoCENTA	
	09:30 - 10:45	TIMA - Session 3	innoCENTA Festival 3rd edition	Entrepreneurial Discovery Workshop
	11:45 - 12:00	Sponsors presentations		
	12:00 - 12:15	Coffee break		
	12:15 - 13:30	TIMA - Session 3		
	13:30 - 14:30	Lunch break		
	14:30 - 15:00	TIMA - Session 4	Special Awards	
	15:00 - 15:30		innoCENTA Festival 3rd edition	
	15:30 - 16:00			
	16:00	Closing of the conference works		

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CONFERENCE PAPERS

Thursday, November 05, 2026

09:00 - 10:00 **Participants registration**

10:00 - 10:30 **Conference opening**

Welcome of participants

Organisers

- Dr. Eng. Victor VERBIȚCHI, General Director of ISIM Timișoara
- PhD. Eng. Nicuşor-Alin SÎRBU - ISIM Timişoara, Romania;
- Assoc. Prof. Dr. Eng. Florin DRĂGAN, Rector of Politehnica University Timișoara
- Prof. Dr. Eng. Gheorghe LUCACI, President of ASTR Timișoara branch

Opening word of Invited participants and Sponsors

- *Andrei ALEXANDRU - President of the National Authority for Research*
- *Cristian MIHĂILESCU - President of the Council of National Research and Development Institutes in Romania*
- Dr. Eng. Victor VERBIȚCHI, General Director of ISIM Timișoara
- *Invited participants*
- Remarks of Sponsors (CADWorks; Lumea Espresso; ASR CertPers)

10:30 - 13:30 **Session 1** / Moderator: Assoc. Prof. Dr. Eng. Bogdan RADU
Joining technologies

1. **A Review of Joining Technologies for Wide-Bandgap Power Devices (SiC/GaN)**
   Iosif HULKA, Cosmin VANCEA, Ioan LIE, Bogdan MARINCA, Radu-Ştefan RICMAN, Edo ROSSI, Ruth Simina FRANȚ, Theodora Gabriela POPA, Petru NEGREA
2. **Innovative Method for Friction Stir Welding (FSW) of 2 mm Thick Sheets of AW 1200 Aluminium Alloy, on Additional Vibration Damping Sets**
   Victor VERBIŢCHI, Nicuşor-Alin SÎRBU, Miomir VLASCICI, Lia-Nicoleta BOȚILĂ, Iuliana DUMA, Ion-Aurel PERIANU
3. **Research of Welding Tubular Workpieces from Aluminium Alloy AA6060-T66 with TIG method**
   Marko MUMOVIĆ, Nikola ŠIBALIĆ
4. **Microstructure - Property Correlations in Two-Step TLP-Bonded IN-738LC Nickel-Based Superalloy**
   Alireza AMIRKHANI, Behrooz BEIDOKTI, Koroosh SHIRVANI
5. **A Coupled Compaction-Dependent Thermomechanical Framework for Ultrasonic Welding of Multilayer Polyester Textiles**
   Dorin STAN, Ionel-Dănuț SAVU, Iuliana DUMA, Cristian-Ilie VALUȘESCU, Anca Daniela COSMA, Sorin-Vasile SAVU

6. **Dynamic Modelling of Ultrasonic Wave Propagation and Interfacial Transmission in Multilayer Polyester Textiles**
   Dorin STAN, Ionel-Dănuț SAVU, Iuliana DUMA, Anca Daniela COSMA, Raluca FAUR, Sorin-Vasile SAVU
7. **Problems Encountered in MAG Welding of Fine-Grained Steels Used in the Pressure Vessel Manufacturing Industry**
   Horia-Florin DAȘCĂU, Cătălin MON
8. **Statistical Analysis and Fracture Evaluation of Dissimilar Ni–Al Fiber Laser Spot Welds**
   Vlad-Ștefan CONSTANTIN, Adelina-Alina HAN, Ion-Dragoș UȚU, Iuliana DUMA, Raluca FAUR, Silviu-Ionuț SARAOLU
9. **Experimental evaluation of single-pass SFSP and FSP on CuZn37 brass using different processing tools**
   Lia-Nicoleta BOȚILĂ, Angelo Ovidiu Daniel RAIA, Cristian-Ilie VALUȘESCU, Iuliana DUMA, Raluca FAUR, Radu-Nicolae POPESCU
10. **Comparative Fracture Surface Analysis of Single-Pass FSP and SFSP Processed CuZn37 Brass**
    Angelo Ovidiu Daniel RAIA, Lia-Nicoleta BOȚILĂ, Cristian-Ilie VALUȘESCU, Doru-Alexandru LUCA, Raluca FAUR

12:00 - 12:15 Coffee break

12:15 - 12:30 **Sponsors Presentations (*CADWorks; Lumea Espresso, ASR CertPers*)**

11. **Effects of Infill Parameters on the Structural Integrity of Ultrasonically Welded 3D-Printed Onyx ESD Components**
    Andrei-Christian BUCUR, Doru-Alexandru LUCA, Raluca FAUR, Răzvan ARDELEAN
12. **Comparative Analysis of Fracture Surfaces in Single-Pass SFSP and FSP Processing of CuSn6 Bronze**
    Emilia DOBRIN, Lia-Nicoleta BOȚILĂ, Raluca FAUR, Angelo Ovidiu Daniel RAIA
13. **Analytical Estimation of Torque, Power, and Heat Input in Submerged Friction Stir Processing of Cu-DHP Copper**
    Silviu-Ionuț SARAOLU, Lia-Nicoleta BOȚILĂ, Mihai FLOREA
14. **Surface Condition and Contact Integrity in Ultrasonic Sonotrode Connections: A Literature Review and Comparative Analysis Before and After Cleaning**
    Cristian-Ilie VALUȘESCU, Nicușor-Alin SÎRBU, Octavian-Victor OANCĂ
15. **Investigations into the influence of multi-pass submerged friction stir processing (SFSP) on Cu-DHP copper**
    Lia-Nicoleta BOȚILĂ, Iuliana DUMA, Raluca FAUR, Angelo Ovidiu Daniel RAIA, Cristian-Ilie VALUȘESCU, Radu-Nicolae POPESCU
16. **A comparative analysis of fracture surfaces during FSP and SFSP processing in a single pass on Cu-DHP copper**
    Lavinia-Ileana SÎRBU, Lia-Nicoleta BOȚILĂ, Emilia DOBRIN, Raluca FAUR

13:30 - 14:30 Lunch break

14:30 - 17:00 **Session 2** / Moderator: Prof. Dr. Eng. Sorin Vasile SAVU
Advanced materials joining: characterization, fracture mechanics, damage, quality and materials testing

17. **Effect of Hydrogen Exposure on the Tensile Behaviour of Physically Simulated Heat-Affected Zones in L450M Pipeline Steel**
    Ádám PAP, Marcell GÁSPÁR, Ákos MEILINGER

18. **Fracture Toughness Investigations on High Strength Structural Steels**
Judit KOVÁCS, János LUKÁCS
19. **Analysis of the behaviour and degradation of the D-32 steel structure subjected to the vibratory cavitation erosion**
Ilare BORDEAȘU, Dorin BORDEAȘU, Deliana-Maria DUMA, Cristi GHERA, Cornelia-Laura SALCIANU, Alexandru-Nicolae LUCA, Lavinia-Madalina MICU, Nicușor-Alin SÎRBU
20. **Morphological investigation of erosion caused by vibratory cavitation in the structure of a ferritic stainless steel**
Ilare BORDEAȘU, Dorin BORDEAȘU, Deliana-Maria DUMA, Cristi GHERA, Daniel-Catalin STROITA, Cornelia-Laura SALCIANU, Alexandru-Nicolae LUCA, Lavinia-Madalina MICU, Nicușor-Alin SÎRBU, Corneliu-Eusebiu PODOLEANU, Sebastian-Titus DUMA
21. **Experimental Investigation of Concrete Paving Blocks Incorporating Spent Garnet and Steel Furnace Slag as Partial Aggregate Replacements**
Ana-Cristina VASILE, Cornelia BAERĂ, Aurelian GRUIN, Ion-Aurel PERIANU, Raul ZAHARIA, Bogdan BOLBOREA, Evelin-Anda LAZA, Luiza VARGA
22. **A Comparative Guide to Metallographic Specimen Preparation for Welded Steel Structures**
Horia-Florin DAȘCĂU, Pavel BURLUI, Bogdan RADU, George BELGIU
23. **Microstructural Characterization of Non-Ferrous Welded Joints**
Horia-Florin DAȘCĂU, Cristian-Ilie VALUȘESCU, Bogdan RADU, George BELGIU
24. **Multiscale characterization of the integrity of stainless-steel welded structures subjected to thermal loads: thermo-mechanical analysis applied to a dehydration unit**
Evelin-Anda LAZA, Gabriela-Victoria MNERIE, Ana-Cristina VASILE
25. **Comparative Evaluation of Temperature Evolution During Ultrasonic Cavitation in Different Liquid Media**
Claudia-Amalia CIUREL, Doru-Alexandru LUCA, Ilare BORDEAȘU, Raluca FAUR, Cristian-Ilie VALUȘESCU, Alin NANI
26. **Failure Analysis of a Spiral-Welded API 5L X60 Natural Gas Pipeline: Influence of Metallurgical Defects and Material Heterogeneity on Crack Propagation**
Raluca FAUR, Iuliana DUMA, Radu-Nicolae POPESCU, Cristian-Ilie VALUȘESCU
27. **Comprehensive Characterization of Metallic Materials Through Tensile Testing, Chemical Analysis, Microstructural Examination, and Hardness Evaluation**
Radu-Nicolae POPESCU, Iuliana DUMA, Raluca FAUR, Vlad-Ștefan CONSTANTIN
28. **Correlation Between Weld Porosity, Microstructural Features, and Mechanical Performance in Elevator Steel Structures**
Iuliana DUMA, Ion-Aurel PERIANU, Raluca FAUR, Radu-Nicolae POPESCU, Cristian-Ilie VALUȘESCU
29. **The Influence of Heat Treatments on the Microstructure, Hardness, and Fracture Behaviour of Studs under Tightening**
Deliana-Maria DUMA, Sebastian-Titus DUMA, Dragos BUZDUGAN, Raluca FAUR
30. **The Influence of Primary Heat Treatments on the Hardness and Microstructure of 100Cr6 Steel**
Deliana-Maria DUMA, Sebastian-Titus DUMA, Dragos BUZDUGAN, Iuliana DUMA

17:00 - 18:00 Open day at ISIM Timișoara, 30 Mihai Viteazul Blv., 300222 Timișoara, Romania

18:30 Festive dinner

Location: Perla Events Ball Room, Piața Bisericii 8, Timișoara 300226, Romania

Friday, November 06, 2026

09:30 - 13:30 **Session 3** / Moderator: Dr. Eng. Victor VERBIȚCHI
Additive manufacturing and coatings

31. **The Effect of Laser Source and Layer Number on the Precipitation Hardening and Microstructure of Laser-Cladded Maraging Steel Layers**
Kristóf NÉMETH, András MOLNÁR, Marcell GÁSPÁR
32. **Economic and Technological Considerations Regarding the Production of Cave Structure for Fabrication of components with Orifice Generated with 3D Printing Technology with Thermoplastic Material**
Tiberiu Aurel VASILESCU, Mircea Dorin VASILESCU
33. **CNC-Milled POM versus Impregnated FDM Parts for Watertight Sealing of a Block with an Internal Water Channel**
George BELGIU, Bogdan RADU, Constantin TĂNASĂ
34. **Structural characterization of cold-worked stainless steels**
Bogdan RADU, Cosmin CODREAN, Ioan-Valentin CAZACU, Carmen OPRIȘ
35. **Mechanical properties of cold-worked stainless steel for high-temperature applications**
Bogdan RADU, Cosmin CODREAN, Ioan-Valentin CAZACU, Carmen OPRIȘ
36. **Preliminary researches for the development of new type of crucible for microwave processing based on AlSi10Mg alloy obtained through additive manufacturing**
Marin Andretti CIUNGU, Ionel-Dănuț SAVU, Andrei-Dănuț SAVU, Nicușor-Alin SÎRBU, Sorin-Vasile SAVU
37. **Additive manufacture (DED 3D printing) vs subtractive manufacture (CNC milling) - A comparison for a 10 × 10 × 55 mm Grade 3 commercially pure titanium orthopaedic implant**
Mihai FLOREA, Nicușor-Alin SÎRBU, Cristian COSMA, Doru-Alexandru LUCA
38. **Research on the wear behaviour of multicomponent hard coatings produced by DED-LB laser deposition of metal and metal-carbide powder mixtures**
Alin NANI, Ion-Aurel PERIANU, Nicușor-Alin SÎRBU, Vlad-Ștefan CONSTANTIN, Doru-Alexandru LUCA, Raluca FAUR
39. **Comparative Analysis of the Influence of Water Absorption on the Mechanical Properties of FDM-Printed Nylon and PETG Materials**
Răzvan ARDELEAN, Doru-Alexandru LUCA, Andrei-Christian BUCUR, Raluca FAUR
40. **Influence of Unidirectional Raster Orientation (35° and 70°) on the Flexural Behaviour of FFF-Printed PLA and Short-Carbon-Fiber-Reinforced PA12**
Doru-Alexandru LUCA, Nicușor-Alin SÎRBU, Raluca FAUR, Cristian-Ilie VALUȘESCU, Mihai FLOREA

11:45 - 12:00 **Sponsors Presentations *(CADWorks; Lumea Espresso; ASR CertPers)***

12:00 - 12:15 Coffee break

41. **Influence of the Support-to-Part Z-Gap on the Surface Quality of 3D-Printed PETG Specimens: An Optical Microscopy Study**
Cristian STATE, Nicolae TRIHENEA, Raluca FAUR, Doru-Alexandru LUCA
42. **Effects of Salt Annealing of FDM 3D-Printed PLA and PETG parts on the Mechanical Properties and Dimensional Stability**
Nicolae TRIHENEA, Raluca FAUR, Cristian COSMA, Vlad-Ștefan CONSTANTIN, Doru-Alexandru LUCA

43. **Hydroxyapatite Across Disciplines: From Bone Regeneration to Architectural Materials Engineering**
Rodica-Mariana ION
44. **CAD-Supported Design and Manufacture of an X40CrMoV5-1 Tool-Steel Clamping Jaw: CNC Machining, Heat Treatment and Quality Verification**
Alina Bianca POP, Gabriela Victoria MNERIE
45. **Experimental Assessment of Multi-Powder DED/LMD Surface Deposits for Wear- and Vibration-Loaded Agricultural Machinery Components**
Gabriela-Victoria MNERIE, Nicușor-Alin SÎRBU, Evelin-Anda LAZA, Vesna B. PETROVIĆ
46. **Optimization of HVOF Spraying Parameters for Al_2O_3-3TiO_2 Coatings with High Adhesion and Solar Absorption on 10CrMo9-10 Heat-Resistant Steel**
Alin Constantin MURARIU, Ion-Aurel PERIANU, Emilia DOBRIN

13:30 - 14:30 Lunch break

14:30 - 16:00 **Session 4** / Moderator: IDT I Drd. Eng. Ion-Aurel PERIANU
New materials, nanoscience, nanotechnology and composites

47. **Current researches focused on elaboration of HE alloys**
Mihai CISMARU, Ionel-Dănuț SAVU, Andrei-Dănuț SAVU, Nicușor-Alin SÎRBU, Sorin-Vasile SAVU
48. **Synthesis and application of aero-TiO2 material as sensitive ultraviolet detector**
Cornelia BANDAS, Mircea NICOLAESCU, Tudor BRANISTE, Corina ORHA, Mina-Ionela MORARIU, Raluca FAUR, Iuliana DUMA, Ion M. TIGINYANU, Carmen LAZAU
49. **Optimization of Chip Decapsulation Parameters**
Iosif HULKA, Cosmin VANCEA, Ioan LIE, Bogdan MARINCA, Radu-Ştefan RICMAN, Edo ROSSI, Ruth Simina FRANȚ, Theodora Gabriela POPA, Petru NEGREA
50. **Morpho-Structural Evolution of Fe-Based Amorphous Ribbons during Chemical Oxidation in Alkaline Solution**
Mircea NICOLAESCU, Corina ORHA, Carmen OPRIȘ, Iasmina Mădălina PETCULESCU, Silviu-Ionuț SARAOLU, Cosmin CODREAN
51. **Design, Structural Optimization and Hybrid Manufacturing of a Lightweight Front Steering Knuckle for a Volvo 850 Motorsport Application**
Ștefan-Adrian ȚÎMPEA, Cristian COSMA, Denis-Raul CORAȘ, Alexandru-Viorel COȘA, Nicușor-Alin SÎRBU
52. **A Digital Tool for Determining Welding Parameters as a Function of Joint Geometry and Welding Process, with Integrated QR Code Traceability**
Bănățeanu Ionel, Elena Stela WISZNOVSZKY, Ion-Aurel PERIANU
53. **Quantum Electrochemistry of Asymmetric Graphene Electrodes**
Mihai V. PUTZ, Marius DOBRESCU, Iuliana DUMA, Raluca FAUR, Marius Constantin MIRICĂ
54. **Micro Hardness of Quasi-Binary Glasses As2S3-GeS2 Doped with Erbium**
Vesna B. PETROVIĆ, Svetlana LUKIĆ-PETROVIĆ, Gabriela-Victoria MNERIE, Leposava ŠIĐANIN
55. **Testing the Light Transmission of Polymeric Packaging Materials and Formed Packaging for Dairy Products and Testing the Sensory Properties of the Packaged Product During the Storage Period**
Petra TANOVIĆ, Gabriela-Victoria MNERIE, Dumitru MNERIE
56. **Ultrasonic Optimization of Graphite-Based Functional Inks for Industrial Applications**
Cristian-Ilie VALUȘESCU, Nicușor-Alin SÎRBU, Cristian COSMA, Claudia-Amalia CIUREL, Raluca FAUR
57. **Considerations about the Influence of Power Faults in the Proximity of Photovoltaic Plants**

Flaviu Mihai FRIGURA-ILIASA, Marius Ciprian DOBRESCU, Nicusor Alin SIRBU, and Aurelia Ioana BIHOLAR

16:00 Closing of the conference works

CONCURRENT EVENTS

Thursday, November 05, 2026

10:00 - 17:00 InnoCENTA Festivals and Open Days

International Exhibition of Innovation and Technological Transfer innoCENTA 2026 *(3rd edition), Faculty Hall - Faculty of Automation and Computers from the University Politehnica Timisoara, Hall A101 - Bulevardul Vasile Pârvan 2, Timișoara 300223, Romania /* **Awarding medals and diplomas** - 16:00 - 16:30

10:00 - 17:00 ***WELDNET Open days: Circular Material Welding & Preventive Maintenance***
Project No. 101193814, ERASMUS-EDU-2024-PEX-COVE

10:00 - 17:00 ***WELDIFY Open days: Deep-Tech & Inclusive Welding of Circular Materials***
Project No. 101184218, ERASMUS-EDU-2024-PI-ALL-INNO

Friday, November 06, 2026

09:30 - 16:00 InnoCENTA Festivals and Open Days

International Exhibition of Innovation and Technological Transfer - innoCENTA 2026 *(3rd edition), Faculty Hall /* **Special Awards** - 14:30 - 15:00

09:30- 16:00 ***WELDNET Open days: Circular Material Welding & Preventive Maintenance***
Project No. 101193814, ERASMUS-EDU-2024-PEX-COVE

09:30 - 16:00 ***WELDIFY Open days: Deep-Tech & Inclusive Welding of Circular Materials***
Project No. 101184218, ERASMUS-EDU-2024-PI-ALL-INNO

10:00 - 13:30 Workshops

10:00 - 11:00: ***Workshop: New trends in welding sector 2026***
Project 101143944 - (COVE-WENDT) - ERASMUS-EDU-2023-PEX-COVE: Centre of Vocational Excellence in Welding and Non-Destructive Testing
Dr. Eng. Alin Constantin MURARIU, Project Manager - ISIM Timișoara

11:00 - 12:00: ***Workshop: Best practices and new trends in VR technology applied in NDT operators training***

Project 101132959 - (VR-VET) - ERASMUS-EDU-2023-PI-FORWARD: VR-VET Project: Virtual Reality network for VET providers,

PhD Student. Eng. PERIANU Ion Aurel, Project Manager - ISIM Timișoara

12:00 - 13:00: ***Workshop: From Legacy to Excellence*: *CoVE Results for South-East Europe in Welding, NDT and Advanced Manufacturing - Three CoVEs, One Network: Sharing Results from COVE-WENDT, AILEEN and WELDNET projects***.

Project: 101259811 - (COVE-EXSEE) - ERASMUS-EDU-2025-PI-FORWARD: COVEs Expanding in South East Europe through Synergies and Innovation

PhD Student. Eng. PERIANU Ion Aurel, Project Manager - ISIM Timișoara

13:00 - 13:30: ***Discussions***

ORIENTATION INFORMATION



1. *Faculty of Automation and Computers, Politehnica University of Timișoara, Bulevardul Vasile Pârvan 2, Timișoara 300223, Romania - TIMA26 conference and innoCENTA Festival (Hall A101);*
2. *Hotel "Casa Politehnicii" nr. 2;*
3. *ISIM Timișoara, Bulevardul Mihai Viteazu 30, Timișoara 300222, Romania;*
4. *Hotel "Casa del Sole";*
5. *Timișoara Downtown;*
6. *Perla Events Ball Room, Piața Bisericii 8, Timișoara 300226, Romania - **festive dinner**.*

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