

# TUIASI INTERNATIONAL

## *experiences*



NEWSLETTER ON  
INTERNATIONALIZATION

ISSUE 3/2023

"GHEORGHE ASACHI"  
TECHNICAL UNIVERSITY OF  
IASI, ROMANIA

TUIASI  
*innovate*



# THE IN GENIUM ALLIANCE

*The Ingenium Alliance of European Universities*

*BI4E – Boosting Ingenium for Excellence*

*DOCTALENT4EU: Transforming Europe  
through Doctoral Talent and Skills Recognition*

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*TUIASI hosted European audit on diversity and inclusion.  
Autoreflexion between past and present. SMILE Project*

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Digital education programme for diabetic foot control*

*Intensive study programme for TUIASI students  
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*AUTEX general assembly meeting*

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Good practices for teachers  
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*The 18th edition of the Romanian  
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*The collaboration between “Gheorghe Asachi” Technical  
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*Exceptional results of TUIASI students at  
the math competitions*

*International conferences organized in 2022 by the Faculty of Machine  
Manufacturing and Industrial Management*

## PAST & UPCOMING EVENTS

*The 17th International Conference Computational Civil Engineering 2023  
“Embedding digital and green for resilient constructions”*

*The 6th edition of the International Conference of TUIASI Doctoral School*

*European Exhibition of Creativity and Innovation Euroinvent  
Iasi – Romania, XVth edition*

*Inventics International Conference, the 27th edition*

*International Exhibition of Inventions, Inventica 2023*

*The International Conference on Applied and Pure Mathematics, ICAPM 2023,  
7th edition*



# INGENIUM ALLIANCE OF EUROPEAN UNIVERSITIES

"Gheorghe Asachi" Technical University of Iași is part of the European University Alliance INGENIUM, funded by the European Commission with €14.4 million for the next four years. INGENIUM is one of the four alliances added in 2022 to the existing 40 European Universities.

INGENIUM brings together 10 universities from 10 countries of the European Union:

Germany: Karlsruhe University of Applied Sciences

Bulgaria: Medical University of Sofia

Spain: University of Oviedo

Finland: South-Eastern Finland University of Applied Sciences

France: University of Rouen Normandie

Greece: University of Crete

Ireland: Munster Technological University

Italy: University of Gabriele d'Annunzio Chieti – Pescara

Romania: „Gheorghe Asachi” Technical University of Iași

Sweden: University of Skövde



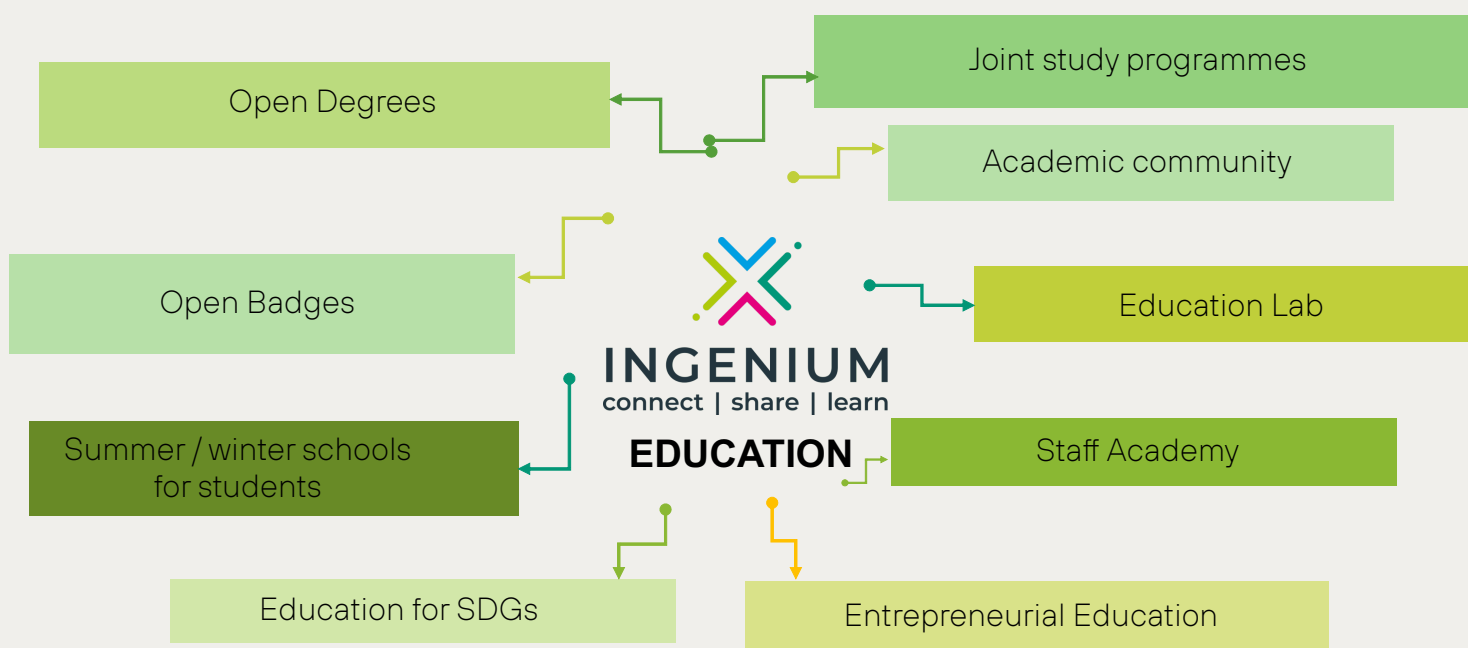
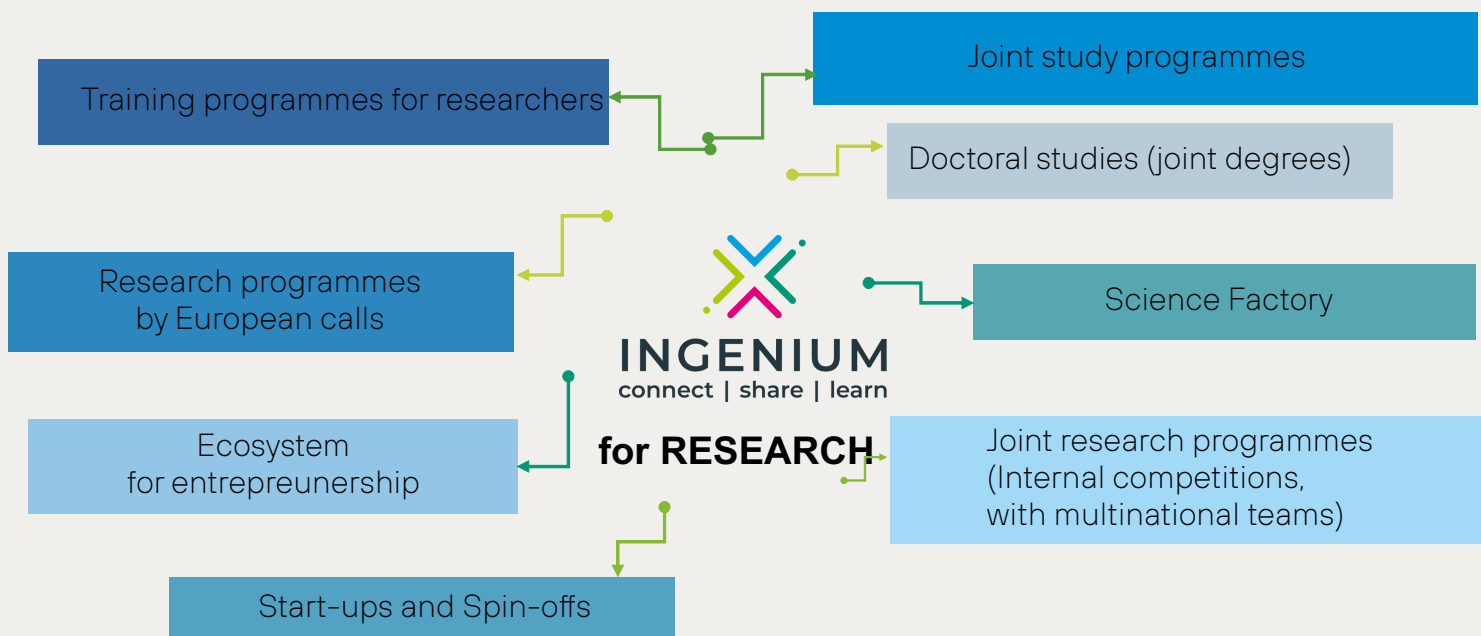
**INGENIUM**  
connect | share | learn

The Kick-Off meeting of the INGENIUM European Alliance was held on 24 and 25 of January 2023, when Rectors and representatives

from the 10 partner universities attended the event organized by University of Oviedo and set the official start for INGENIUM activities.



# INGENIUM ALLIANCE OF EUROPEAN UNIVERSITIES



## BI4E – BOOSTING INGENIUM FOR EXCELLENCE

HORIZON-WIDERA-2021-ACCESS-05, GA 101071321

Consortium members:

„Gheorghe Asachi” Technical University of Iași (TUIASI), Coordinator  
Universidad de Oviedo (UNIOVI)  
Hochschule Karlsruhe (HKA)  
Universita degli Studi Gabriele D’Annunzio di Chieti-Pescara (Ud’A)  
Medical University Sofia (MUS)  
Universite de Rouen Normandie (URN)  
Munster Technological University (MTU)  
The University of Skövde (HIS)

BI4E project objectives:

- Foster strategic planning capacities, institutional transformation, excellence in research, talent attraction and connections with local ecosystems in the partner HEIs, particularly those in the widening countries (Romania and Bulgaria);
- Improve HEI capacity to address major challenges, through the implementation of strategic planning adapted to their needs, institutional transformation, cooperation in terms of research, fostering entrepreneurship and the promotion of international scientific careers;
- Help to build closer cooperation links between the partners that will facilitate the exchange of information, knowledge and experience.



Kick-off meeting – October 2022



## DOCTALENT4EU: TRANSFORMING EUROPE THROUGH DOCTORAL TALENT AND SKILLS RECOGNITION

Horizon Europe: HORIZON-WIDERA-2022-ERA-01-50

### Partners:

Université Côte d'Azur, France: Dr. Rani Dang and Dr. Auréa Cophignon - Project Director

„Gheorghe Asachi” Technical University of Iasi, Romania: Prof. Alina-Adriana Minea

Université d'Alcalá, Spain: Prof. Ignacio Bravo

University of Porto, Portugal: Joao Pedro Pêgo

University of Limerick, Ireland: Dr. Gerard Downes

University of Western Norway, Norway: Guillaume Lapeyre

UiT the Arctic University of Norway, Norway: Dr. Hanne Johnsen

European University Foundation: Dr. Federica Bartolozzi, Debora Lucque

The project will develop digital credentials under the European brand "*DocTalent4EU credentials*", licensed under CC-BY-NC, to enable widespread recognition of transferable skills and competences acquired by PhD students and early career researchers (ECRs), with reference to the ESCO classification. ESCO is a multilingual classification of skills, competences, qualifications and occupations created by the European Commission to improve the provision of information on the demand for skills in the labor market. It is designed to help individuals, employers, universities and training providers by providing them with up-to-date and standardized skills information.

*The overall aim of the project* is to improve the employability of PhD students through a strong, visible and innovative recognition system of the most in-demand transferable skills (based on the ESCO framework) that early career researchers (ECRs) acquire or will acquire through doctoral training and research activities. The consortium will adopt a multi-stakeholder approach involving non-academic stakeholders (e.g. public authorities, industrial or business environment) to improve transferable skills training and develop local talent management hubs. The project will also develop a new prototype based on machine learning to support ESCO in continuously updating and estimating the most in-demand skills in the labor market,



First meeting of the project





## RECMINE – ENVIRONMENTAL FOOTPRINT REDUCTION THROUGH ECO-FRIENDLY TECHNOLOGIES OF MINE TAILING RECYCLING

Project code: COFUND-ERAMIN-3-RecMine, contract no. 307

Funder: European Comision, Horizont 2020

Programme Coordinator: Fundação para a Ciência e a Tecnologia (FCT), Portugal

Duration of the project: May 2022 – April 2024

Partners:

„Gheorghe Asachi” Technical University of Iasi (TUIASI), Romania - Coordinator of the project;

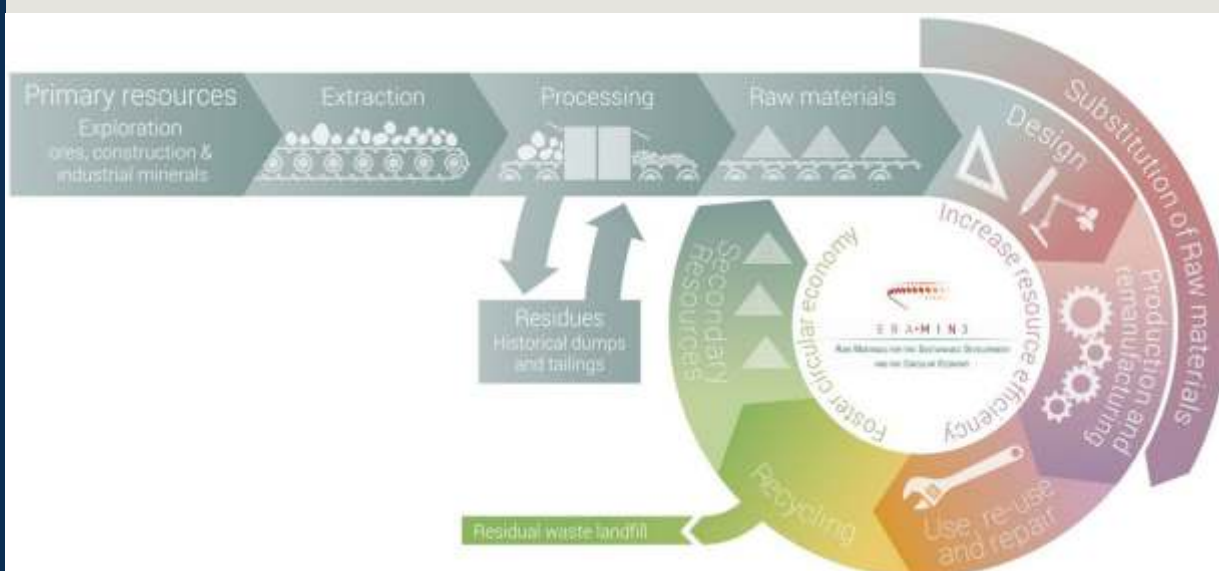
University of Beira Interior (UBI) – Portugal;

University of Chemical Technology and Metallurgy (UCTM) – Bulgaria;

Middle East Technical University (METU) – Turkey;

OBRAS Y SERVICIOS TEX, S.L. (TEX) – Spain.

The overall objective of the project is to utilize wastes from five different European countries (Romania, Portugal, Bulgaria, Turkey and Spain) in order to obtain new green materials, considering the advantages introduced by the 3D printing method.



<https://simtit.ro/recmine/>



## TUIASI HOSTED EUROPEAN AUDIT ON DIVERSITY AND INCLUSION. AUTOREFLECTION BETWEEN PAST AND PRESENT.



„Gheorghe Asachi” Technical University of Iași (TUIASI) hosted a series of events as part of the SMILE (Social Meaning Impact through LLL Universities in Europe) international project between 27 – 30 September 2022. During this time, one of the instruments developed in the project was tested – the Diversity Audit Model.

The European partners delegation at TUIASI included EUCEN (project coordinator) project manager and project officer, researchers at Turku University in Finland and Maynooth University in Ireland.

Professor Irina LUNGU, PhD Eng., International Affairs Vice-rector and SMILE project director at TUIASI, moderated the audit sessions, alongside Constanța Pravăț and Ana-Maria Șoican, International Relations Office representatives.

Over the course of three work sessions, university leadership, professors and student representatives tested the Diversity Audit Model, an innovative tool that will be applied at six European universities. The tests continually improve the model, resulting in a work tool that will be completely adaptable and transferable to other universities and educational stages and that can offer an image on approaching diversity and inclusion in educational institutions.

TUIASI is a member of SMILE – Social Meaning Impact through LLL Universities in Europe project, coordinated by the European University Continuing Education Network – EUCEN, Grant agreement number: 621433-EPP-1-2020-1-BE-EPPKA3-IPI-SOC-IN.

The aim of the project is to develop and implement innovative methods and practices to promote inclusive education at university level. SMILE project will encourage participation, progress and performance of socio-economic underprivileged students through supporting teaching staff in consolidating diversity and social inclusion. The project is co-funded by the European Union (through Key Action 3 of Erasmus+ programme, Social Inclusion and Common Values: The Contribution in the Field of Education and Training).

<http://smile.eucen.eu/>

### Social Meaningful Impact through LLL universities in Europe

Erasmus+ KA3 Social inclusion and common values | 621433-EPP-1-2020-1-BE-EPPKA3-IPI-SOC-IN  
Project coordinated by [eucen](https://smile.eucen.eu) | <https://smile.eucen.eu> | [smile@eucen.eu](mailto:smile@eucen.eu)

*The European Commission support for the production of this document does not constitute an endorsement of the contents which reflect the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained therein.*





## MULTIPLIER EVENT- DIASHOE. DIGITAL EDUCATION PROGRAMME FOR DIABETIC FOOT CONTROL



This workshop was held in Iasi, Romania, at TUIASI, on 19th November 2022 and consisted of a national and international level multiplier event and it aimed at disseminating all the intellectual outputs developed within the project, improving the understanding of their use, their role in adult education, for digital education and diabetic foot control by all representatives from the wide target groups.

It also envisaged starting diligences toward a possible integration in formal itineraries, namely in the Footwear, Health, and

Commerce National Qualification Frameworks. The workshop was addressed to footwear manufacturing companies, and associations.

The event was attended by 26 people, including 21 guests, shoe manufacturers from the Sfera Factor Patronage, foreign participants from Great Britain, Italy, Turkey, and 5 TUIASI employees. The hosts of the event were Prof. PhD. Eng. Aura Mihai, Lecturer PhD. Eng. Mariana Costea and Assistant PhD. Eng. Arina Seul.

**DiaSHOE** focuses on the link between Diabetic Foot Syndrome and footwear and expects to make a significant contribution to:

- Raising awareness on the Diabetic Foot Syndrome (DFS) and the complications associated with inappropriate care and control of the diabetic foot.
- Creating educational opportunities for everyone.
- Upgrading VET footwear profiles and other related training with specific contents linked to a diabetic foot control.
- Improving the quality of life of people living with diabetes.
- Disseminating the results from R&D initiatives in the field.

During the multiplier event, there were presented the training materials developed by partners to improve the knowledge and skills on Diabetic Foot Control:

- Footwear Technicians, Designers, and Managers - The project offers guidance on efficient manufacturing strategies to produce footwear products that are well-suited to the needs of people living with diabetes.
- Health Technicians and Shoe-shop Assistants - The project helps them improve their skills to better advise people living with diabetes on their choice of footwear and interpret footwear-related individual medical prescriptions correctly.
- People living with diabetes, their Families, non-professional Caregivers, and any other person who can contribute to improving their quality of life - The project offers a better understanding of the relationship between footwear and diabetic foot control so that people living with diabetes and their social circle can make better-informed decisions when selecting footwear.

<https://diashoeproject.eu/>





## INTENSIVE STUDY PROGRAMME FOR TUIASI STUDENTS AT GHENT UNIVERSITY, BELGIUM

The third intensive study programme organised within the **OptimTex project** by Ghent University in Belgium from 17 to 21.10.2022 brought together the partners of the Erasmus EU project "Software tools for textile creatives" – Optimtex. They presented their training modules to the students from four countries (Romania, Slovenia, Czech Republic and Belgium).

The representatives of TUIASI, Romania, consisting of Prof. Mirela Blaga and four students from the Faculty of Industrial Design and Business Management, participated in the presentation of the six training modules: software for the design of woven structures, knitted structures, virtual prototyping of garments, embroidered structures, design of experiments, technology transfer, focused on the practice of virtual prototyping of garments and embroidery of prototypes for e-textiles ([www.optimtex.eu](http://www.optimtex.eu))



## FACULTY OF INDUSTRIAL DESIGN AND BUSINESS MANAGEMENT



## AUTEX GENERAL ASSEMBLY MEETING

The former President of the Autex (Association of Universities for Textiles) organisation, Professor Mirela Blaga, PhD, hosted the AUTEX General Assembly at the Faculty of Industrial Design and Business Management in a hybrid format on November 18, 2022.

Autex creates a worldwide network of textile universities and was founded in 1994. Over the years, the association has grown significantly and currently has 42 members from 29 countries. The continuous growth shows that Autex plays an important role in bringing together and networking universities with textile studies and research activities around the world.

On this occasion, the new President, Prof. Savvas Vassiliadis from the University of West Attica, Greece, explained his strategic view of the Association and the concrete actions to develop new perspectives.

All the information about the activities of the organisation can be found on its new website: [www.autex.org](http://www.autex.org).



## CONFERENCE: GOOD PRACTICES FOR TEACHERS FROM THE REPUBLIC OF MOLDOVA AND ROMANIA

"Gheorghe Asachi" Technical University of Iași organized on 25-26 September 2022 the conference *Good Practices for Teachers from the Republic of Moldova and Romania*, dedicated to presenting the results of the "DIRECT ACCESS TO STUDENTS" (DAS) project, financed by the European Union through the Program Joint Operation Romania – Republic of Moldova 2014 – 2020.

The project was implemented during 01.10.2020-31.10.2022 by "Gheorghe Asachi" Technical University of Iași, in partnership with the North-East Regional Center for Social Integration Association, under the coordination of the Business Consulting Institute from Chisinau.

The project experiences of the following institutions from the Republic of Moldova were presented on the first day of the conference: Center for Excellence in Light Industry Chisinau; The College of

Light Industry from Balti; The Construction College from Hîncești; Center of Excellence in Energy and Electronics from Chisinau; Technological College from Chisinau; Center of Excellence in Construction Chisinau; Polytechnic College from Balti; Center of Excellence in Informatics and IT Chisinau. On the following day, a workshop on the topic of "School from Romania and the Republic of Moldova, between stereotype and reality" was held.

80 teaching staff and volunteers, from 23 colleges and centers of excellence from the Republic of Moldova and Romania, as well as from "Gheorghe Asachi" Technical University of Iași attended the event. The conference was coordinated by Professor Habil. Eng. Mirela Blaga, PhD– TUIASI project manager.





# THE 18TH EDITION OF THE ROMANIAN TEXTILES AND LEATHER CONFERENCE, CORTEP 2022



All submitted manuscripts were peer-reviewed based on originality and scientific value, and those accepted were published as Open Access Proceedings by Sciendo (De Gruyter).

From 17th to 19th of November 2022, the Faculty of Industrial Design and Business Management from "Gheorghe Asachi" Technical University of Iasi organized the 18th edition of the Romanian Textiles and Leather Conference, **CORTEP 2022**, recognized as a major international scientific event organized in Romania.

Through its participants and the invited keynote speakers, the conference proved to be a real platform for professionals and managers from the textiles, clothing, leather and footwear (TCLF) sector to exchange knowledge, new ideas and experiences, to gain an insight into the state-of-the-art in the current developments, solutions and research results.

The main topics of the conference were: New fibers and advanced materials; Sustainable and functional textiles and clothing; Fashion design and product development; Innovations in textile finishing;; Footwear design and technology; Ecology in textiles and leather processing; New business models and emergent ecosystems; Engineering education, etc.

Although CORTEP'2022 took place as a hybrid event, combining Live (on-site) and Virtual (on-line) presentations and participation, it was attended by numerous participants from 15 countries (Greece, Spain, Portugal, Bulgaria, Czech Republic, Republic of Moldova, Ukraine, Brazil, United Kingdom, Turkey, Tunisia, Poland, Belgium, Italy, Romania).



## THE COLLABORATION BETWEEN "GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IASI (TUIASI) AND THE INDIAN INSTITUTE OF TECHNOLOGY MADRAS (IIT)

During the last fourteen years, a solid and fruitful collaboration has been built up between TUIASI and IIT, in the domain of **research development of shape memory alloys (SMAs)**.

After an initial exchange of e-mail messages, professors Vedamanikam SAMPATH (IIT) and Leandru-Gheorghe BUJOREANU (TUIASI) first met at the conference ESOMAT 2009, in Prague, a conference dedicated to SMAs. Four other encounters have followed at IMMC Istanbul, 2010; ICOMAT Bilbao, 2014, ICOMAT Chicago, 2017 and FIMPART Hyderabad, 2018. During these meetings, several SMA specimens were handed over to Prof. Sampath who investigated them by transmission electron microscopy (TEM) at IIT. The resulting TEM micrographs were included in three papers jointly published in the journals Smart Materials and Structures (Q1), <https://doi.org/10.1088/1361-665X/aac4c5>, and International Journal of Minerals Metallurgy and Materials (Q1), <https://doi.org/10.1007/s12613-016-1353-6>, as well as in a proceeding paper published in IOP Conf. Series, <https://iopscience.iop.org/article/10.1088/1757-899X/209/1/012036>

On 17.02.2023, the PhD Viva Voce of the candidate G. Swaminathan was organized at the Department of Metallurgical and Materials Engineering of IIT. IIT Madras is ranked the top engineering institute in India by the Ministry of Education's National Institutional Ranking Framework since its inception in 2016, according to Wikipedia, [https://en.wikipedia.org/wiki/IIT\\_Madras](https://en.wikipedia.org/wiki/IIT_Madras)  
The candidate passed the viva of his PhD

Prof. Bujoreanu was invited to serve as an on-line international examiner of the PhD theses performed by S. Santosh (*Synthesis, hot deformation behaviour and biocompatibility of some NiTi-based ternary shape memory alloys*, defended on 12th November 2020, <https://www.iitm.ac.in/happenings/events/syn-thesis-hot-deformation-behaviour-and-biocompatibility-some-niti-based-ternary> and by G. Swaminathan (*Functional fatigue behaviour of NiTi-based shape memory alloys under thermal and thermomechanical cycling conditions*, defended in 2023). For the latter, Prof. Bujoreanu was designated as a member of the PhD defense commission ("viva voce examination"), met on-line on 17th February 2023.

In addition, Prof Bujoreanu was invited to give a talk at the webinar *On Recent Trends in Shape Memory Alloys*, held on 9 and 10 February 2023, His talk had the title *Processing effects and development perspectives of Fe-Mn based shape memory alloys*. On the other hand, Prof. Sampath accepted to be one of the Plenary Speakers at the 6th International Conference of Doctoral School, organized by TUI and scheduled between 17-19 May 2023, <https://conferinta-csd.tuiasi.ro/plenary-speakers/>. His talk will be entitled *Effect of silver addition on cyclic phase transformation behaviour of NiTi shape memory alloy*.

thesis entitled *Functional fatigue behaviour of NiTi-based shape memory alloys under thermal and thermomechanical cycling conditions*.

Prof. Leandru Gheorghe Bujoreanu, from "Gheorghe Asachi" Technical University of Iasi (TUIASI) Romania was the External Examiner



# EXCEPTIONAL RESULTS OF TUIASI STUDENTS AT THE MATH COMPETITIONS

STUDENT LIFE  
@ TUIASI!

The Math Olympiad Team of "Gheorghe Asachi" Technical University participated during the last academic year (2021-2022) in 3 international competitions:

- "South Eastern European Mathematical Olympiad for University Students" – SEEMOUS 2022, May 27-June 1, 2022, Palic, Serbia;
- "Internet Mathematical Teams Olympiad" – online international olympiad for university students, organized by Ariel University, Israel, December 21, 2021;
- "Open Mathematical Olympiad for University Students" – OMOUS 2022, organized by International University for the Humanities and Development, Ashgabat, Turkmenistan, April 27-30, 2022;
- Traian Lalesc Math national Olympiad for university students, West University of Timișoara, May 12-14, 2022.

Our university's Math Team has achieved one silver medal and four bronze medals at SEEMOUS 2022, two gold medals and three silver medals at "Internet Mathematical Teams Olympiad" and two silver medals and two bronze medals at "Open Mathematical Olympiad for University Students".

Participating students were trained in the Performance Training Center in Mathematics (CPPM) under the guidance of professors from the Department of Mathematics and Informatics of TUIASI.





# INTERNATIONAL CONFERENCES ORGANIZED IN 2022 BY THE FACULTY OF MACHINE MANUFACTURING AND INDUSTRIAL MANAGEMENT

## *INNOVATIVE MANUFACTURING ENGINEERING&ENERGY, IMANEE 2022, 17-19 NOIEMBRIE 2022, ONLINE,*

Over 70 scientific works were presented in the 6 sections of the conference (Advanced Manufacturing Processes; Surface Engineering; Advanced Materials; CAD/CAE/CAPP/CAM Systems for Design, Manufacturing and Assembling, Machinery and Machine Elements; Green manufacturing and Management).

The works are published in Acta Technica Napocensis, Journal AMME issue, of the Technical University of Cluj, which is indexed by WoS/ISI.

A lot of participants, from Romanian universities (Politehnica University of Timișoara, University of Pitești, Politehnica University of București, Dunărea de Jos University of Galați, Technical University of Cluj and Baia Mare Branch, University of Oradea, Lucian Blaga University of Sibiu) and international universities (from Republic of Moldova, Italy, Greece, France, Poland, Germany, Bulgaria, Hungary, India, Israel, Great Britain) attended the event.

[www.imanee.ro](http://www.imanee.ro)

[margareta.coteata@academic.tuiasi.ro](mailto:margareta.coteata@academic.tuiasi.ro)

## *MODERN TECHNOLOGIES IN INDUSTRIAL ENGINEERING, MODTECH 2022, 22-25 Iunie 2022*

The event was organized in hybrid format by the Professional Association ModTech-Iași România and „Gheorghe Asachi” Technical University of Iași. The participants came from 23 countries and the following prizes were awarded:

■ Excellence award *Octavian Pruteanu* for Professor Marek Placzek, Silesian University of Technology, Gliwice - Poland & Viorel Păunoiu, Dunărea de Jos University of Galați, România.

■ The best book - S.M. Sapuan, R.A. Ilyas, M.R.M. Asyraf, University Putra, Malaysia, *Safety and Health in Composites Industry*, Springer, 2022

■ The best scientific article - Laura Pena-Paras et al., University of Monterrey, Engineering Department, Mexico, *Enhancing tool life and reducing power consumption and surface roughness in milling processes by nanolubricants and laser surface texturing*,

*Journal of Cleaner Production*, Elsevier, 2019

Most Performing Young Researcher: Bogdan Istrate, „Gheorghe Asachi” Technical University of Iași, Romania

■ The papers presented by the participants both during the two plenary sessions and in the different sections tackled the following topics: manufacturing process engineering; breakthroughs concerning composite materials and technologies; mechanical process characterization, modeling and simulation; integrated manufacture and robotics; technology transfer; micro and nanotechnologies; maritime engineering.

<https://modtech.ro/index.php#gsc.tab=0>

[dumitru.nedelcu@academic.tuiasi.ro](mailto:dumitru.nedelcu@academic.tuiasi.ro)

## *NON-CONVENTIONAL PROCESSES MINISYMPOSIUM (MS 13) within the framework of international conferences ESAFORM2022, 27-29 APRILIE 2022, BRAGA, PORTUGALI*

The main topics of MS were: EDM, ECM, EME, EHE, cold spray, Friction Stir Welding and Single Point Forming for polymers, creep age forming.

Therefore, in order to maintain this characteristic of individuating new processes

of scientific interest, the papers regarding innovative processes or forming processes of non-conventional materials (innovative materials or hybrid structures) were considered in this MS.

<http://esaform2022.org/about/mini-symposia>





# UPCOMING EVENTS

We welcome you to

# the 17th international conference COMPUTATIONAL CIVIL ENGINEERING 2023 "EMBEDDING DIGITAL AND GREEN FOR RESILIENT CONSTRUCTIONS"

The continuous evolving labour market influenced by the present world-wide challenges and crisis is strongly demanding for adequately qualified work force and innovative solutions competing for market success.

Research and innovation in constructions' related fields require enhancing four dimensions of the transversal skills and competences: digital, green, resilience, and entrepreneurial skills.

*Computational Civil Engineering (CCE) 2023* is dedicated to the research outputs feeding high quality education and training, fostering collaboration and cooperation among research groups with wide scientific interests, on the relevant topics recently endorsed by European Project calls within the 2021-2027 budgeted actions

The CCE proceedings are published in IOP Material Science and Engineering, since the 2019 edition.

24–25 MAY 2023  
IASI, ROMANIA

## TOPICS



<http://www.cce.ci.tuiasi.ro/>

Computer-Aided Design and Engineering

Computational Methods in Civil Engineering

Numerical Analysis of Civil Engineering Structures

Computational Fluid Dynamics

Artificial Intelligence in Civil Engineering

Digital Technologies

Building Information Modelling

Structural Topology Optimisation and 3D Printing

Greening Future in Civil Engineering

Power and Energy Systems for Civil Engineering



the 6th edition of THE INTERNATIONAL CONFERENCE  
OF THE DOCTORAL SCHOOL

## EXCELLENCE IN DOCTORAL STUDIES THROUGH INNOVATION, CONVERGENCE AND INTERDISCIPLINARITY

At its sixth edition, the International Conference of the Doctoral School of "Gheorghe Asachi" Technical University of Iasi (TUIASI) aims to provide PhD students of the Doctoral Schools from Technical Universities in Romania and abroad with a favorable framework for communicating the results of their research, exchanging ideas and initiating new collaborations, refining their theoretical and methodological approaches, encouraging presentation and continuous development of interdisciplinary research.

The three-day conference consists of several panel sessions, where PhD students can present and discuss their research papers. The programme of the conference will also include a number of plenary presentations held by prestigious professors from universities with which TUIASI has close collaborations.

The conference aims to bring together miscellaneous oral presentations dealing with relevant problems associated to the thirteen doctoral fields at the university: Chemistry; Computers and information technology; Chemical engineering; Civil engineering and Building Services; Electrical engineering; Electronic engineering, telecommunications and information technologies; Energy engineering; Industrial engineering; Materials engineering; Mechanical Engineering; Environmental engineering; Systems engineering; Engineering and management.

<https://conferinta-csd.tuiasi.ro/>

17-19 May 2023, Iasi, Romania

### IMPORTANT DATES

Conference launch  
December, 2022

Deadline for  
abstracts April 22nd,  
2023

Notification of  
abstract acceptance  
April 28th, 2023

Deadline for  
registration May 1st,  
2023

Conference final  
programme May  
15th, 2023

CSD2022  
International  
Conference May  
18th-20th, 2023

Deadline for full  
paper submission  
June 30th, 2023

Notification of paper  
acceptance  
September 30th,  
2023



EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION  
EUROINVENT  
Iasi – Romania, XVth edition

11 – 13 May 2023

[www.euroinvent.org](http://www.euroinvent.org)  
[www.euroinvent.org/conference/](http://www.euroinvent.org/conference/)

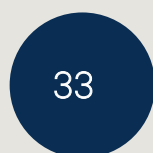
The 15th Edition of **EUROINVENT - Festival of Creativity** - will take place in *Iasi, Romania* from **11 to 13 of May 2023** at the Palace of Culture Iasi.

EUROINVENT 2023 is held under the patronage of the Romanian Ministry of Research, Innovation and Digitization.

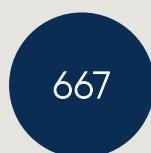
The exhibition promotes creativity and innovation in an international context.

The last edition (2022) showed over 600 inventions and projects, from over 30 countries, being the largest in Eastern Europe.

During EUROINVENT, leading inventors, researchers, engineers and scientists will present actual research issues in all fields of research.



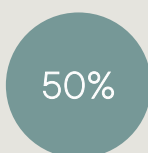
participating  
countries



total number  
of the exhibited  
inventions and  
project



total  
number  
of visitors



percentage of  
national  
inventions

Figures of 2002 edition

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EUROINVENT is a festival of innovation, under its aegis being organized: the exhibition of inventions and innovative projects, the international conference on materials science and engineering, the scientific book fair and other workshops.

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## INVENTICS INTERNATIONAL CONFERENCE, the 27th edition

22 June 2023, Iași, Romania



[https://ini.tuiasi.ro/conference/  
inventica.conferinta@tuiasi.ro](https://ini.tuiasi.ro/conference/inventica.conferinta@tuiasi.ro)

## INTERNATIONAL EXHIBITION OF INVENTIONS, INVENTICA 2023

22 June 2023, Iași, Romania

The Exhibition of Inventions will provide a lot of opportunities for the participants to exchange new ideas and application experiences, to establish research or business relationships and to find national and global partners for future collaboration.

Only patent applications, patents and national and international research projects obtained through competition in the last 5 years and which have not been submitted in previous editions can be registered to Exhibition.

[https://ini.tuiasi.ro/exhibition/  
inventica.salon@tuiasi.ro](https://ini.tuiasi.ro/exhibition/inventica.salon@tuiasi.ro)

## THE INTERNATIONAL CONFERENCE ON APPLIED AND PURE MATHEMATICS (ICAPM 2023), 7th edition

7-12 November 2023

Organizer / contact person:  
Department of Mathematics and Informatics /  
[marcel-romica.roman@academic.tuiasi.ro](mailto:marcel-romica.roman@academic.tuiasi.ro)

<http://math.etc.tuiasi.ro:81/apm2023/>







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