

11-13 MAY 2023
Palace of Culture - Iași



EUROINVENT

EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION

**>400
inventions
from
>30 countries**

www.euroinvent.org

15th edition of EUROINVENT 2023

EUROINVENT - European Exhibition of Creativity and Innovation was held on site. At Euroinvent we had the honor to have over 700 registrations from 34 countries. The EUROINVENT Festival was officially opened on 11th of May and closed on 13nd of May 2023.

ORGANISERS



EUROPE DIRECT
Iași



Romanian Inventors Forum



Alexandru Ioan Cuza
University of Iași



Gheorghe Asachi Technical
University of Iași

Under the aegis of



**UNDER THE PATRONAGE OF
MINISTRY OF RESEARCH, INNOVATION AND DIGITIZATION**



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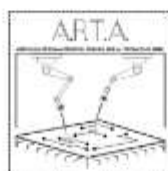
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SANVIC



UMT



EUROINVENT means:

- INVENTIONS, TECHNOLOGIES & RESEARCH EXHIBITION
- INTERNATIONAL CONFERENCE ON INNOVATIVE RESEARCH
- TECHNICAL-SCIENTIFIC ARTISTIC AND LITERARY BOOK SALON
- EUROPEAN VISUAL ART EXHIBITION
- WORKSHOPS

EUROINVENT

European Exhibition of Creativity and Innovation

The EUROINVENT opening was moderated by **Andrei Victor SANDU** - *President of Romanian Inventors Forum* and took place in the presence and with the opening speech of:

- **Prof. Dan CASCAVAL** - Rector of Gheorghe Asachi Technical University of Iasi
- **Ms. Valentina DRUTU** - Director of National Muzeal Complex Moldova Iasi
- **Mr. Prof. Petrică VIZUREANU** - Chairman of ICIR EUROINVENT

The official foreign delegates were invited after this on stage to receive the Ambassador of Innovation award for supporting the creativity from Croatia, Malaysia, Poland, Iran, Saudi Arabia, Indonesia, Taiwan, Moldova, Bulgaria and not only, mentioning some of the distinguished special guests: Neven MARKOVIC, Mohd Mustafa Al Bakri ABDULLAH, Unchanlee SUANGPONG, Marcin NABIALEK, Ryan KOO, Mehdi RAJABINIA, Najia ALZANBAGI, Manli HSIEH, Andriana SURLEVA, Mihail BALAN, Yana CHEISHVILI and others.



EUROINVENT® INVENTIONS EVALUATION CHART

Jury member name: _____ **Signature** _____

	Invention no. / Country	Class	Novelty	Usefulness	Design	Low cost	WOW factor	Evaluation	Recommendation Award Gold/Silver/Bronze Medal
1	2	3	4	5	6	7	8	9	10
1									
2									

Please evaluate novelty, usefulness, design, low cost and WOW factor of each invention with:

1 (poor) - 2 (normal) - 3 (average) - 4 (good) - 5 (excellent)

Average score = column 9 = (4+5+6+7+8)/5

Bronze medal	Silver Medal	Gold Medal	Award
~2	3	4	>4

Award recommendations: **Grand Prize**, **Medicine Award**, **Green Environment**, Youngest Inventor, Oldest Inventor, The Woman Inventor, **Best Design Award**, Other Special Award, **Foreign Delegation Award**.

The Jury was formed by specialists in various branches. Each project was evaluated by two Jury members - one Romanian and the other International. All registrations were analyzed according to the Evaluation Chart on the following criteria: Novelty, Usefulness, Design, Low cost and WOW factor. The Specialist could also use other criteria as: Originality of the innovation, Scientific return/opportunities, Project feasibility, Potential users/ applications, Risk management, Market opportunities/ Threats, Social & economical impact.



The inventions and research projects were awarded with medals, awards or special prizes from the official delegates.



During three days, many artistic moments were performed, next to Book Salon Award Ceremony - where the Book Jury Members have evaluated scientific publications from the last two years and awarded them with Bronze/Silver/Gold medals and Special Prize.







STATISTICS

Total number of the Exhibited inventions and Project

712

Total number of Judged registrations

670

Total number of participating countries

34

Angola, Argentina, Australia, Bulgaria, Belgium, Cambodia, Canada, China, Croatia, India, Indonesia, Iran, Japan, Korea, Lebanon, Macau, Macedonia, Malaysia, Moldova, New Zealand, Philippines, Poland, Portugal, Romania, Saudi Arabia, Sudan, Taiwan, Thailand, Turkey, Ukraine, United Kingdom, United States of America, Vietnam

Total number of visitors

10.000

Percentage of international inventions

43%

Percentage of national inventions

57%

EXHIBITS CLASSIFICATION

- | | |
|--|--|
| 1. Environment - Pollution Control | 9. Chemical and Textile Industry |
| 2. Energy and sustainable development | 10. Information Technology and Communication |
| 3. Agriculture and Food Industry | 11. Printing and advertising |
| 4. Medicine - Health Care - Cosmetics | 12. Safety, protection and rescue of people |
| 5. Industrial and laboratory equipments | 13. Sports, Games and Leisure |
| 6. Mechanical Engineering - Metallurgy | 14. Other |
| 7. Buildings and Materials | X. Innovative Research |
| 8. Aviation, car industry and transportation | |



EUROINVENT

“Where great ideas talk about our future”



ICIR EUROINVENT 2023

International Conference on Innovative Research

11-12 of MAY 2023 - 9th edition ICIR EUROINVENT

EUROINVENT International Conference on Innovative Research (ICIR) brings yearly leading researchers, engineers and scientists who present actual research results in the field of Materials Science and Engineering.


The conference aims to provide a high level international forum for researchers, engineers and scientists to present their new advances and research results in the field of materials science and engineering.

The Conference was opened with the welcome speeches from the organizers, followed by Keynote Speaker Sessions of some outstanding scientists in the field of Materials Science.



KEYNOTE SPEAKERS

Yuval GOLAN
Professor PhD
Department of Materials Engineering, Faculty of Engineering Sciences,
Ben-Gurion University of the Negev, ISRAEL




Cătălin POPA
Professor
Department of Materials Science and Engineering, Faculty of Materials and
Environmental Engineering, Technical University of Cluj-Napoca, ROMANIA



Gültekin GOLLER
Professor PhD
Department of Metallurgical and Material Engineering,
Faculty of Chemistry-Metallurgy, Istanbul Technical University, TURKEY



Mohd Arif Anuar Mohd SALLEH
Associate Professor Ir. Dr.
Centre of Excellence Geopolymer and Green Technology,
Faculty of Chemical Engineering Technology,
Universiti Malaysia Perlis, MALAYSIA



Hanaa HACHIMI
Assoc. Professor PhD
Department of Mathematics and Computer Sciences Affiliation, Systems
Engineering Laboratory LGS Director, BOSS Toun Sultan Moulay Slimane
University, Beni Mellal, Morocco



Romisuhani Binti AHMAD
PhD, Professional Technologist
Center of Excellence Geopolymer and Green Technology (CeGeoGTech),
Universiti Malaysia Perlis, MALAYSIA



Mohd Remy Rozainy Mohd Arif ZAINOL
Assoc. Professor PhD
School of Civil Engineering, Universiti Sains Malaysia (USM), Malaysia

ICIR EUROINVENT 2023

International Conference on Innovative Research

Organized by:

- ▲ Faculty of Materials Science and Engineering, The “Gheorghe Asachi” Technical University of Iasi, Romania
- ▲ Romanian Inventors Forum
- ▲ ARHEOINVEST Platform, Alexandru Ioan Cuza University of Iasi
- ▲ Centre of Excellence Geopolymer and Green Technology (CEGeoGTech), Universiti Malaysia Perlis (UniMAP)
- ▲ Department of Physics, Czestochowa University of Technology, Częstochowa, Poland

With support of:

- ▲ Universiti Malaysia Terengganu
- ▲ International Federation of Inventors' Associations - IFIA
- ▲ World Invention Intellectual Property Associations



Accepted papers from EUROINVENT 2023 are published in:

- Springer Proceedings in Materials
- Materials, Coatings, Crystals, Applied Sciences, Micromachines & Magnetochemistry (MDPI, Q1&Q2)
- Archives of Metallurgy and Materials
- European Journal of Materials Science and Engineering
- International journal of Conservation Science

These covers the entire range of basic and applied aspects of the synthesis and characterization, modeling, processing and application of advanced engineering materials.

The topics of the conference were the followings:

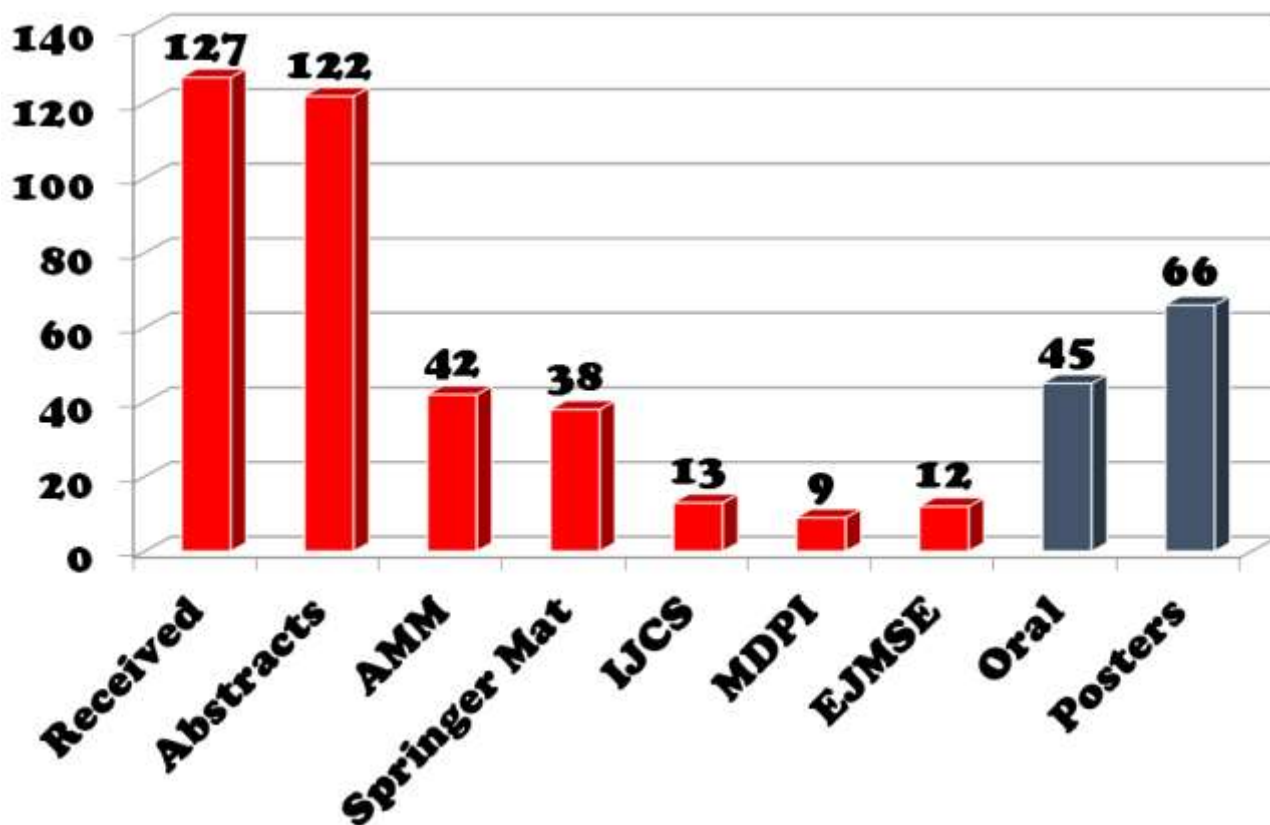
Section 1: Synthesis and Characterization of Materials Section

Section 2: Procedures and Technologies for Materials Engineering Section

Section 3: Materials Application Section

Section 4: Materials & Life Science

Conference statistics:



ROMANIAN INVENTORS
FORUM



"GHEORGHE ASACHI"
TECHNICAL UNIVERSITY



AL. I. CUZA
UNIVERSITY OF IASI



UNIVERSITI
MALAYSIA PERLIS

CEGeoGTech



Academia de Stiinte
Tehnice din Romania
Technical Sciences
Academy of Romania

POLI
TECH
NIKA



UNDER THE AEGIS OF



AWARD Winners

EUROINVENT Grand Prize
ICECHIM National Research Institute, Bucharest
2nd runner up
INOE 2000 National Research Institute

Synergy Award	C.I.T.T. Politehnica University of Timisoara
Woman Inventor Award	Delia Dumbrava - Romania
Special Prize	Terry Dalah Floral Dose Serum in Cream Extra Sensitive - Chuti Nun Noppagard, Ubon Rerk
Performance in Education and Research	Politehnica University of Bucharest
The Green Environment	Renewable energy sources and circular economy applied in an academic community as an example for smart sustainable development - Vintilă Teodor, Popescu Cosmin Alin, Radulov Isidora, Horablaga Adina, Marco Di Stanislao
Prize of Romanian Inventors Forum	CESAL SA Oradea
Advances in Biology Award	Institute of Genetics, Physiology and Plant Protection; Institute of Zoology; National Botanical Garden 'Alexandru Ciubotaru' (Institute)
Prize of Europe Direct Iasi	ROSMARH Inventor Center Association
Cyberlife Award	Remote controlled underwater vehicle: Pavao KASTELAN, Menthor: Zeljko SITUM (Croatia)
„Gheorghe Asachi“ Technical University of Iași Award	ISIM Timisoara
Pro Scientia et Innovatio Award	Technical University of Cluj-Napoca
MEDICINE AWARD	Procedure for obtaining materials based on silver nanoparticles with antifungal activity - Burduniuc Olga, Coeri Sergiu, Mare Mihai, Biliua Gabriela, Nastasa Valentin, Bostnaru-Iliescu Anda-Cristina
International Delegation Award	ATIP Thailand
Best Design Award	Modular electric car - Zubcu Mircea, Podborschi Valeriu
Exquisite Award	A wearable soft device for assistance in arm and hand rehabilitaion - Vu Minh Quang, Nguyen Minh Hieu, Doan Minh Newton Gramma School, Hanoi City, Vietnam; Han Thuyen High School, Bac Ninh Province, Vietnam HUS High School for Gifted Students, Hanoi City, Vietnam
AgroFuture Award	Composite food product and technology for manufacturing the composite food product consisting of microplants (sprouts/microgreens) and substrate for food use - Livadariu Oana et al.
Popularity Award	National Center “Junior Academy of Sciences of Ukraine

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