

21-23may2020
Palace of Culture - Iași



EUROINVENT

EUROPEAN EXHIBITION OF CREATIVITY AND INNOVATION

**>400
inventions
from
>30countries**

EUROINVENT - European Exhibition of Creativity and Innovation was held 50% online and 50% onsite, using social media and Zoom and Google Meet software. All the situation was adapted to the COVID-10 Pandemic. Euroinvent was held with the participation of over 500 registrations from 32 countries. The EUROINVENT Festival was officially opened on 21st of May and closed on 23th of May 2020.

The EUROINVENT opening was posted on Youtube and Euroinvent webpage on 21st of may at 9.am local time. The Opening of ICIR International Conference was held live on Zoom® at 10 o'clock in the presence of distinguished guests, being opened by Prof.dr. Petrica VIZUREANU, as chairman of ICIR EUROINVENT and Assoc.Prof.dr. Andrei Victor SANDU - Coordinator of EUROINVENT. The first speech was done by Prof.dr. Dan CAȘCAVAL - The Rector of Gheorghe Asachi Technical University of Iasi. After the EUROINVENT Opening the ICIR EUROINVENT Conference was opened and continued with Keynote Speakers presentations.

ORGANISERS



Europe Direct Iași



Romanian Inventors Forum



Alexandru Ioan Cuza
University of Iasi



Gheorghe Asachi Technical
University of Iasi

Under the aegis of



UNDER THE PATRONAGE OF MINISTRY OF EDUCATION AND RESEARCH



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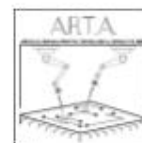


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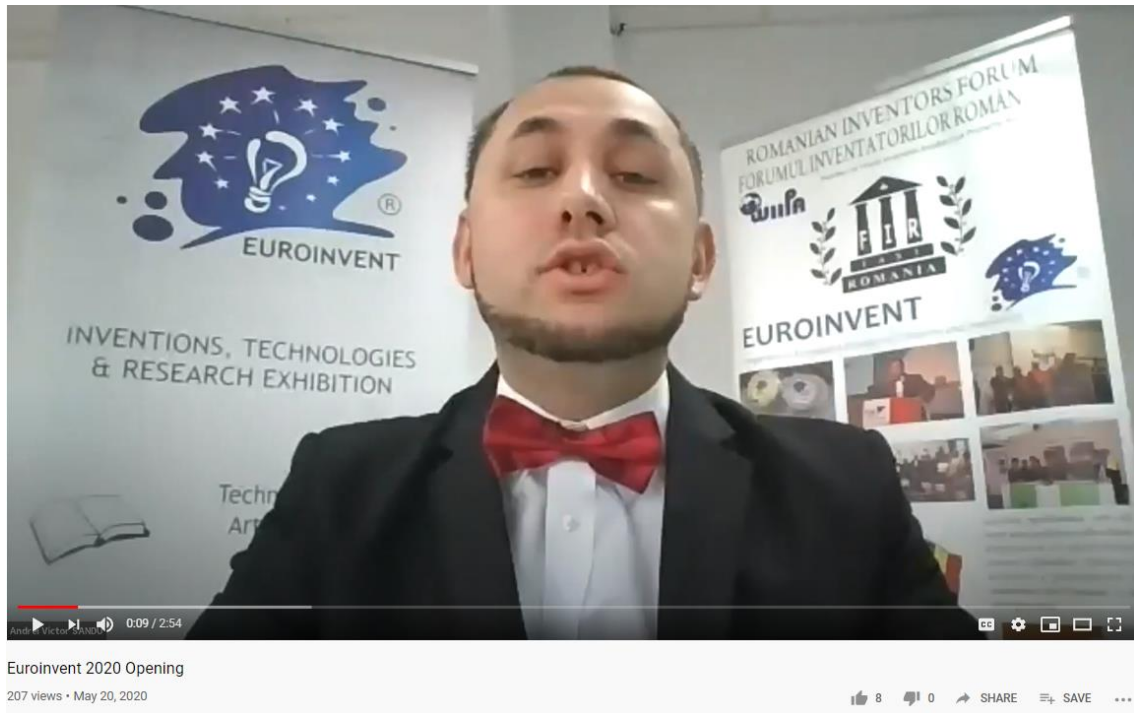
EUROINVENT means:

- 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 was moderated by **Andrei Victor SANDU** -
President of Romanian Inventors Forum



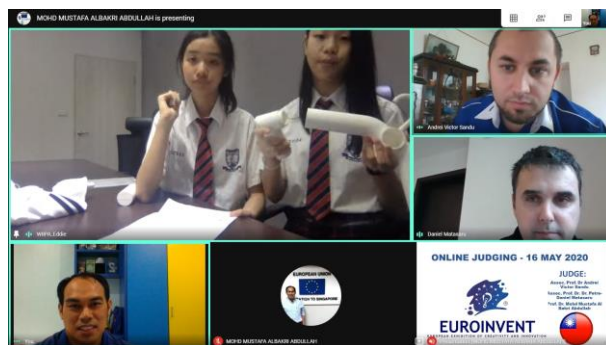
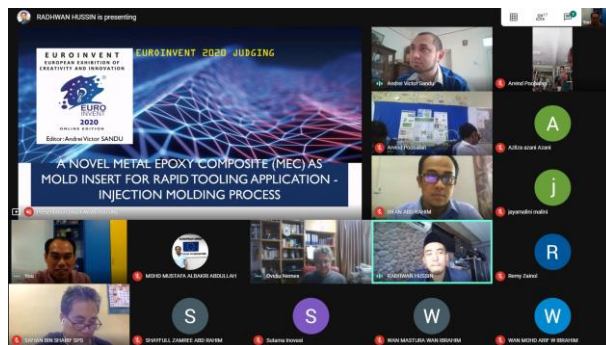
<https://www.youtube.com/watch?v=5ZNeAzwXyKU&feature=youtu.be>



<https://www.youtube.com/watch?v=wYDvDGXCXwo&feature=youtu.be>

The Judging took place in period 12-20 of May using Zoom and Google meet platforms. The president of the Jury was Prof.dr. Mohd Mustafa Al Bakri ABDULLAH - University Malaysia Perlis.





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
	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.

Also awards were offered for the outstanding publications at the Scientific Book Salon and at Art Exhibition.



All catalogues are available at:

<http://www.euroinvent.org/archive/catalogues/>

List of awards is available here:

<http://www.euroinvent.org/archive/awards/>

Other media link are here:

<http://www.euroinvent.org/archive/media/>

Conference recordings are available here:

<http://www.euroinvent.org/conference/>

STATISTICS

Total number of the Exhibited inventions and Project

535

Total number of Judged registrations

501

Total number of participating countries

32

Bosnia and Herzegovina, Cambodia, Canada,
China, Croatia, Egypt, Hong Kong, India, Indonesia, Iran,
Japan, Korea, Macao, Macedonia, Malaysia, Morocco,
Moldova, Philippines, Poland, Romania, Russia, Singapore, Sri Lanka,
Sudan, Syria, Taiwan, Thailand, Turkey, Ukraine,
United States of America, United Kingdom, Vietnam

Percentage of international inventions

55%

Percentage of national inventions

45%

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”





Euroinvent 2020 - Award Ceremony

<https://www.youtube.com/watch?v=zd7dIaA1Vkw&feature=youtu.be>





21-22 of MAY 2020 - 6th 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.

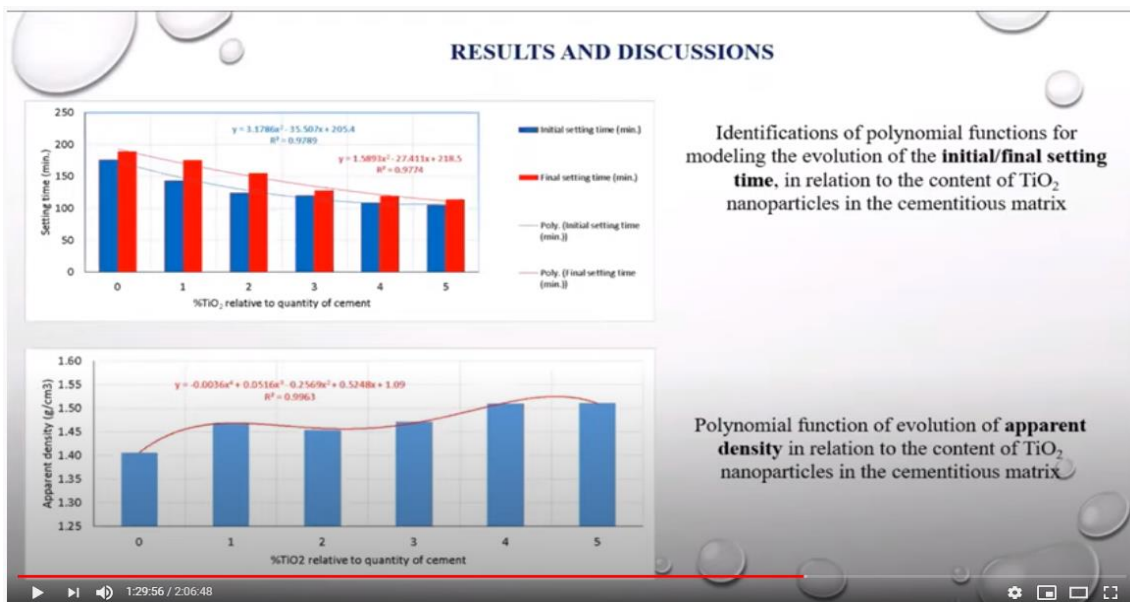
The conference aims to provide a high level international forum for researchers, engineers and scientists to present their new advances and research results in the field of materials science and engineering.

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.



ICIR Euroinvent 2020 Session 1

<https://www.youtube.com/watch?v=dpGIa189Pbo&feature=youtu.be>
Prof.dr. Petrica VIZUREANU, chairman of ICIR EUROINVENT



ICIR Euroinvent 2020 Session 2

<https://www.youtube.com/watch?v=l7NegetbaEU&feature=youtu.be>



ICIR Euroinvent 2020 Session 3

<https://www.youtube.com/watch?v=x6esy28GOvA&feature=youtu.be>

Best Posters Awards

Best Oral Presentation



499 CHF Award from Coatings [MDPI]

Free APC Voucher for publication in Coatings



KEYNOTE SPEAKERS



Joseph KOST
Professor D.Sc.



Mohd Arif Anuar Mohd Salleh
Associate Professor PhD. Eng.

ICIR EUROINVENT 2020

International Conference on Innovative Research

INVITED SPEAKERS



Tünde Anna KOVÁCS
Associate Professor Ph.D.



Shayfull Zamree Abd RAHIM
Associate Professor Ph.D.



Hanaa HACHIMI
Associate Professor Ph.D.

ICIR EUROINVENT 2020

International Conference on Innovative Research

Organized by:

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

With support of:

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

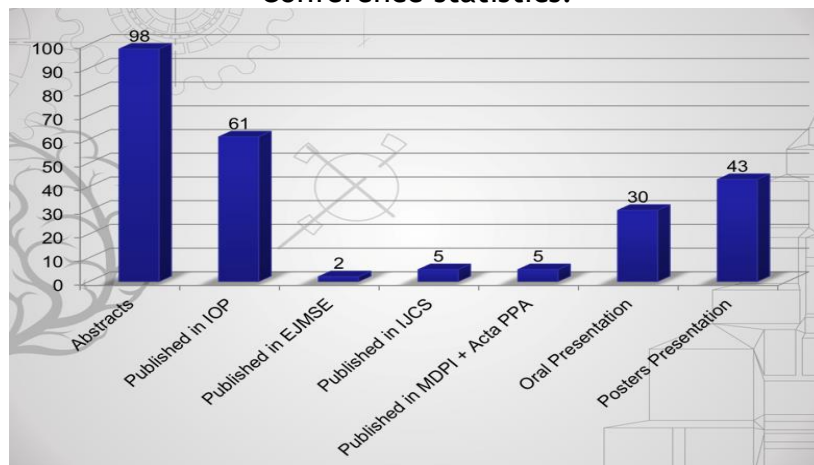


All accepted papers from EUROINVENT 2019 International Conference on Innovative Research are published in **IOP Conference Series: Materials Science and Engineering**, **Coatings MDPI**, **Acta Physica Polonica A**, **European Journal of Materials Science and Engineering**, **International Journal of Conservation Science** which 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:





ICIR 2020

INTERNATIONAL CONFERENCE ON INNOVATIVE RESEARCH

Zoom Meeting

Recording...

Participants (48)

Find a participant

A. (Co-host, me) Unmute More

AV Andrei Victor SANDU (Host)

ET Eusebiu Toader

PETRICĂ VIZUREANU (Co-host)

BS Baltatu Simona (Co-host)

M Manuela Perju (Co-host)

MM Mohd Mustafa Al Bakri, Malaysia

Adrian Lazarescu (NIRD URBAN...)

AC Alexandru Cocean

AC Anamaria Catalina Mircea

AS Andriana Surleva

AK Attila Kenez

AM Aurel Mihail TITU

BP Bianca POP

Activate Windows
Go to Settings to activate Windows.

Invite Mute All

Zoom Meeting

Recording...

Participants (48)

Find a participant

MM Mohd Mustafa Al Bakri, Malaysia

NC Nejeru carmen

PM Pantilimon Mircea Cristian

PC Petronela Chirila

P privat

CD Canda Dinu

Zoom Group Chat

their life time. How do you comment this in view of organic solar cells vs. inorganic ones?

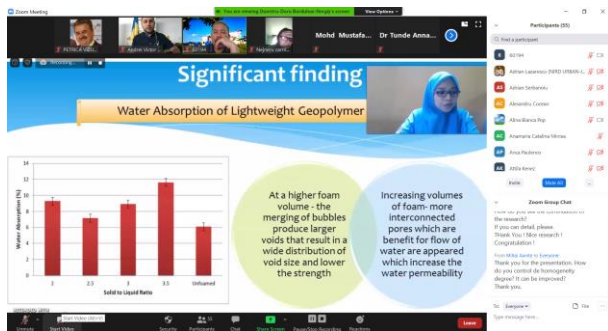
From Dumitru-Doru Burduhos-Nergis to Everyone:
Did you evaluate the evolution of compressive strength after 28 days?

From Aurel Mihail Titu to Everyone:
Congratulations!

From Andriana Surleva to Everyone:
Dear Doc, can you explain again the type of information obtained by XRF and EDX analysis
Ok, thank you

To: Everyone File

Type message here...



Participants (57)

- ST Stefan Toma
- S Syahirah Zaimi
- TC Tarcea Claudia
- VB Vasile Basiliu
- VP Vasile Pelin
- V Veneta

Zoom Group Chat

From Me to Everyone:
Thank you all of you !!!

From Daniel Matasaru to Everyone:
Thank you, also big thanks for the professional organization and all the support!

From Aurel Mihail TITU to Everyone:
It was a great pleasure for me to take part in ICIR 2020. Congratulations to the ORGANIZERS! See You, All, at ICIR 2021 and EUROINVENT 2021 !!!



AWARD Winners

EUROINVENT Grand Prize - 10.000 LEI - Awarded By Senatul Stiintific
Cristian FODOR

EUROINVENT Scientific Grand Prize - Awarded By Senatul Stiintific
Ruthenium(III) complex combination with anti-inflammatory activity and its synthesis
Velescu B.S., Uivarosi V., Anuta V., Seremet O.C.,
Nitulescu G.M., Lupuliasa D., Arsene A.L., Dinu-Pîrvu C.E.

EUROINVENT GRAND PRIZE

Orthopedic device for correction of the talipes calcaneus / talipes calcaneovalgus defect
Costoiu M.C., Semenescu A., Doicin V.C.,
Ulmeanu M.E., Cîrstoiu C., Doicin I.C., Mateş I. M.

Young Inventor Award	Cristina POȘTARU
Woman Inventor Award	Alina ORTAN Liuba COREȚCHI
Performance in Education and Research	Technical University of Moldova
The Green Environment	Recyclable Magnetic Nano-Adsorbents (ReMagNA) Norsuria Mahmed, Hazreen Nadiah Husni, Ho Li Ngee, Mohd Mustafa Al Bakri Abdullah
Prize of Romanian Inventors Forum	Automated medical instrument for inserting multiple needles on linear and parallel trajectories in interstitial brachytherapy cancer treatment Gherman Bogdan, Bîrlescu Iosif, Burz Alin, Pîslă Doina
Advances in Biology Award	Constantin Spinu - National Agency for Public Health
MEDICINE AWARD	O-aryl-carbamoyl-oxymino-dibenz[b,e] oxepines, a pharmaceutical composition M. Vlad, C. Limban, D.C. Nuță, C. Chiriță, D.C. Marineci, E. Ștefănescu, M.T. Căproiu, C. Drăghici, F. Dumitrașcu, M.C. Chifiriuc, L. Măruțescu, S. Avram, C.E. Dinu-Pîrvu, A.V. Missir
„Alexandru Ioan Cuza“ University of Iași	"N.Testemiteanu" State Medical and Pharmaceutical University
„Gheorghe Asachi“ Technical University of Iași Award	Institute of Chemistry of Republic of Moldova
CYBERLIFE AWARD	National Institute for Research and Development in Microtechnologies - IMT Bucharest
Pro Scientia et Innovatio Award	National Research & Development Institute in Electrical Engineering ICPE-CA
SYNERGY AWARD	National Research&Development Institute for Chemistry and Petrochemistry - ICECHIM Bucharest
International Delegation Award	TAIWAN / MALAYSIA / IRAN / KOREA
Best Design Award	CROATIA
Exquisite Award	Yahya Kemal College Macedonia
AgroFuture Award	Institute of Genetics, Physiology and Plant Protection of Republic of Moldova
Popularity Award	Lucian Blaga University of Sibiu & Politehnica University of Timișoara

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