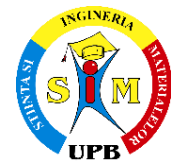




ROMAT 2024



INVITATION

We have the pleasure to invite you to the **10th International Conference on Materials Science and Technologies – RoMat 2024** which will be held at **National University of Science and Technology POLITEHNICA Bucharest (Romania)** from **November 14th to November 15th, 2024**, in the framework of **MaterialFEST 2024**, a festival for innovation into materials science and engineering.

The conference continues the tradition of successful conferences organized every two years by the Faculty of Materials Science and Engineering from National University of Science and Technology POLITEHNICA Bucharest with the support of national and international scientific community on materials science and engineering. The conference will include plenary invited and keynote lectures, as well as oral and poster presentations. Invited plenary and keynote speakers from all over the world will present their latest research into the field.

The participants will have the opportunity to follow the latest technological developments and related academic research as well as novel designs and products that will be presented by the companies who will attend at MaterialFEST 2024.

We look forward to meeting you all for a fruitful conference!

Yours sincerely,

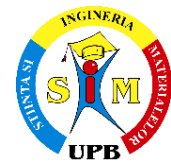
ANTONIA Iulian

President of ROMAT 2024 Conference

In the name of Steering Committee of ROMAT 2024 Conference



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ROMAT 2024 STEERING COMMITTEE

ȘTEFĂNOIU Radu

Dean of Materials Science and
Engineering Faculty

ANTONIAȘ Iulian

President of ROMAT 2024 Conference
Head of Metallic Materials Science and
Physical Metallurgy Department

SOHACIU Mirela Gabriela

Vice-Dean of Materials Science and
Engineering Faculty

SEMENESCU Augustin

Vice-Dean of Materials Science and
Engineering Faculty

COTRUȚ Mihai Cosmin

Vice-Dean of Materials Science and
Engineering Faculty

ȘERBAN Nicolae

Vice-Dean of Materials Science and
Engineering Faculty

MARCU Dragoș Florin

Head of Engineering and Management of
Metallic Materials Obtaining
Department

COJOCARU Vasile Dănuț

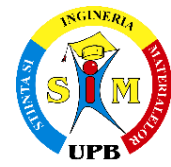
Head of Metallic Materials Processing
and Environmental Engineering
Department

MICULESCU Florin

Head of Materials Science and
Engineering Doctoral School



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INTERNATIONAL SCIENTIFIC COMMITTEE

Ion Anghel

(Romania)

Costică Bejinariu

(Romania)

Mihai Brânzei

(Romania)

Mariana Călin

(Germany)

Vasile Dănuț Cojocaru

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Mihai Cosmin Cotruț

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Cihangir Duran

(Turkey)

Victor Geantă

(Romania)

Hasan Göçmez

(Turkey)

Bogdan Istrate

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Dragoș Florin Marcu

(Romania)

Iulian Vasile Antoniac

(Romania)

Lidia Benea

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Daniela Buruiană

(Romania)

Ionel Chicinaș

(Romania)

Nicolae Constantin

(Romania)

Liviu Geo Drughean

(Romania)

Dan Eliezer

(Israel)

Brândușa Ghiban

(Romania)

Gültekin Goller

(Turkey)

Sigrún Nanna Karlsdóttir

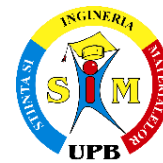
(Iceland)

José Miguel Martín-Martínez

(Spain)



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Ecaterina Matei

(Romania)

Marian Miculescu

(Romania)

Daniel Munteanu

(Romania)

Alexandru Pascu

(Romania)

Corrado Piconi

(Italy)

Alexandru Precup

(Romania)

Julietta Rau

(Italy)

Rui Reis

(Portugal)

Traian Rotariu

(Romania)

Mirela Gabriela Sohaciu

(Romania)

Aurel Viorel Șerban

(Romania)

Radu Ștefănoiu

(Romania)

Tudor Viorel Țigănescu

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Doina Răducanu

(Romania)

Iulian Ripoșan

(Romania)

Augustin Semenescu

(Romania)

Constantin Stelian Stan

(Romania)

Nicolae Șerban

(Romania)

Mircea Țierean

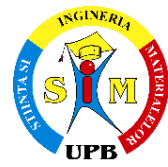
(Romania)

Petrică Vizureanu

(Romania)



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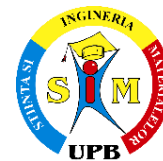


TOPICS & SCIENTIFIC SESSIONS

- **Metallic Materials Obtaining Technologies**
- **Materials Processing and Characterization**
- **Surface Engineering & Coatings**
- **Sustainability & Environmental Protection: Impact on Industry**
- **Traditional and Digital Management and Engineering**
- **Advanced Materials for Aerospace & Automotive**
- **Materials and Technologies for Defense Industry**
- **Biomaterials**
- **Fire Protection Materials**
- **Electronic Materials**
- **Building Materials**
- **Managing Innovation**



ROMAT 2024



CALL FOR PAPERS



The academicians, scientists, engineers, industria professionals and researchers from all over the world are invited to participate in **RoMat 2024** by their unpublished and original work.

The contributions of participants in the topics related to the materials science and engineering are welcome.

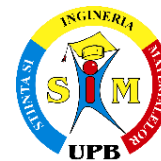
Abstracts for oral and poster presentations are invited and should be submitted using the online abstract submission system. Before submitting the abstract, you need to register first (using Registration Form). All abstracts will be refereed, and a criterion of rejection will be lack of originality. Successfully submitted abstracts will be acknowledged with an electronic receipt. A condition of submission is that if accepted one of the authors will present at the conference. Authors must follow the instructions for abstract(s) submission using the conference website tools. **Intending author should submit an abstract of no more than 150 words.** The abstracts will be published in the conference program. Each presenting author can submit one abstracts but can be co-authors for an unlimited number of abstracts.

All accepted full papers will be published by the “**The Scientific Bulletin**” **Series B Chemistry and Materials Science**, edited by University POLITEHNICA of Bucharest, an ISI indexed journal(https://www.scientificbulletin.upb.ro/SeriaB_-_Chimie_si_Stiinta_Materialelor.php?page=indexare).

Also, the Scientific Committee will select representative papers to be published in some special issues for ISI indexed journals like **Materials, Journal of Adhesion Science and Technology, Materiale Plastice, BioMed Research International, Nanomaterials**. For these special issues, extra fees will be applied according the journal rules. All details about the paper selection criteria will be available on the conference website.



ROMAT 2024



DEADLINES

Reception of Abstracts	November 02, 2024
Notification of Acceptance	November 04, 2024
Registration Deadline	November 11, 2024
Conference	November 14-16, 2024

REGISTRATION FEES

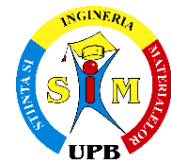
Registration fees (200 Euro / 1000 RON) will be the same for all participants, and give access to scientific sessions and seminars, to technical exhibition and poster sessions (including all electronic posters), abstracts volume, conference materials, and certificates of attendance, fees for full-paper publication in the "The Scientific Bulletin" Series B Chemistry and Materials Science, edited by POLITEHNICA Bucharest.

Account details: Asociatia Stiintifica "Societatea Romana de Biomateriale", CIF 15318801, Strada Gheorghe Polizu nr. 1, sector 1, Bucuresti, IBAN: **RO96 RNCB 0077 0502 4793 0001 (for RON) or RO69 RNCB 0077 0502 4793 0002 (for Euro)**, BCR sector 6, Bucuresti.

Following the receipt of the registration form and of the payment, the participants will be notified by a confirmation letter by e-mail.



ROMAT 2024



Round Table: Education in Materials Science and Engineering Field – Current Situation and Future Trends

Co-chairs: ȘTEFĂNOIU Radu, ANTONIAC Iulian

ROUND TABLE

Education in Materials Science and Engineering (MSE) Field – Current Situation and Future Trends



- [1] MSE - defining the domain and its limits
- [2] Innovating the MSE education curriculum and assessment
- [3] Strengthening trans-disciplinary collaboration
- [4] Professional development and support for MSE teachers



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