

2nd Call for Papers – 3rd International Conference “Advances in 3OM and Photonics Technologies”

The poster features a central image of the Timisoara Polytechnic University building at night, illuminated with warm lights. Surrounding this image are several informational elements:

- Top Left:** Logo of Universitatea Politehnica Timisoara (UPT).
- Top Right:** 3OM GROUP logo.
- Bottom Left:** SPIE Student Chapter Polytechnic Univ. Timisoara logo and a QR code.
- Bottom Right:** SPIE AFFILIATED CONFERENCE logo.
- Right Side:** Text for the 3rd International Conference "Advances in 3OM and Photonics Technologies", listing topics: Opto-Mechatronics, Opto-Mechanics, Optical Metrology, Sensing and Imaging, Advanced Laser Technology, Photonics Materials & Technology, Hybrid Photonic-Electronic Systems, and Biomedical Applications. It also states the dates 8-11 December 2025 and the location Timisoara, Romania.

<https://3om-group-optomechatronics.ro/advances-in-3om-conference-2025/>

General Chairs

Virgil-Florin Duma (Romania)

Mircea Guina (Finland)

Publication

Full papers in [Proceedings of SPIE](#), using [Instructions for authors](#). The volumes of [3OM 2021](#) and [2023](#) were both indexed in Web of Science.

A Book of Abstracts is published at the Conference ([2021](#), [2023](#)).

Extended papers can be submitted in Special Issues of journals [Sensors](#), [Photonics](#), [Medicina](#), and [Materials](#).

[12 Students Awards](#) are established.

Important (Extended) Deadlines

Abstract submission: 10th Nov. 2025

(by email, at virgil.duma@upt.ro)

Authors notification: 20th Nov. 2025

Full paper submission: 15th Jan. 2026

[The registration is now open.](#)

Exposition (8-11 December 2025)

Sponsorship packages are available.

[Organizing Committees 3OM 2025](#)

Coordinator:

Liliana Matiu-Iovan (Romania)

Venue: [Timisoara – 2023 European Capital of Culture.](#)



Conference Center, 2b Vasile Parvan Ave., 300223 Timisoara, Romania

Plenary Speakers

Simona Cristescu, Radboud University (The Netherlands)

Pietro Ferraro, Institute of Applied Sciences & Intelligent Systems "Eduardo Caianiello", National Research Council (Italy)

Dror Fixler, Bar-Ilan University (Israel)

Mircea Guina, Tampere University (Finland)

Vladimir Katanaev, Université de Genève (Switzerland)

Bjoern Kemper, University of Muenster (Germany)

Jannick P. Rolland, University of Rochester (NY, USA)

Keynote Speakers

Catalin-Daniel Constantinescu, National Centre for Scientific Research (CNRS), Marseille (France)

Mariana-Dana Damaceanu, "Petru Poni" Institute of Macromolecular Chemistry, Iasi (Romania)

Ioan Dăncuș, Extreme Light Infrastructure-Nuclear Physics (ELI-NP), (Romania)

George Dobre, University of Kent (UK)

Cosmin Farcau, National Institute for Research and Development of Isotopic and Molecular Technologies INCDTIM Cluj-Napoca (Romania)

Monica-Olivia Focsan, Babes-Bolyai University of Cluj-Napoca (Romania)

Guillermo Garcia-Torales, Universidad de Guadalajara (Mexico)

Mihaela Girtan, Angers University (France)

Alessandra Giuliani, Polytechnic University of Marche (Italy)

Roger Groves, Delft University of Technology (The Netherlands)

Borislav Hinkov, Silicon Austrian Lab (Austria)

Bettina Heise, RECENDT (Austria)

Sivashankar Krishnamoorthy, Luxembourg Institute for Science and Technology (Luxembourg)

Marcel Rattunde, Fraunhofer IAF, Freiburg (Germany)

Felix Nicolae Sima, National Institute for Laser Plasma and Radiation Physics (INFPLR), Bucharest (Romania)

Cosmin Sinescu, "Victor Babes" University of Medicine and Pharmacy of Timisoara (Romania)

Malgorzata Szczerska, Gdańsk University of Technology (Poland)

Juha Toivonen, Tampere University (Finland)

Invited Speakers – are listed [here](#).

Workshops organized at the Conference: (1) COST CA 21159 (PhoBioS) "Understanding interaction light - biological surfaces: possibility for new electronic materials and devices (2.5 days); (2) **European Chips Act Synergies** – includes contributions from Romanian, Finnish, and Austrian Chips Competence Centers.