



International Symposium &

International Student Workshop on Interdisciplinary

Mathematics in the CiTi areas

ISIM & ISWIM 2025 – 4th Edition

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Organized by the National University of Science and Technology POLITEHNICA Bucharest, Center for Research and Training in Innovative Techniques of Applied Mathematics in Engineering “Traian Lalescu” (CiTi). in partnership with the Romanian Mathematical Society and with the support of the Faculty of Industrial Engineering and Robotics and the Faculty of Applied Sciences, under the auspices of the Ministry of Education and Research.

Keynote Speakers:

- ✓ **Jorge Jimenez URROZ**, Universidad Politécnica de Madrid, Spain
- ✓ **Radu STATE**, University of Luxembourg, Luxembourg
- ✓ **Ion TURCANU**, Luxembourg Institute of Science and Technology, Luxembourg
- ✓ **Ștefan CRUCEANU**, "Gheorghe Mihoc - Caius Iacob" Institute of Mathematical Statistics and Applied Mathematics, Romanian Academy, Romania
- ✓ **Cristian DOICIN**, National University of Science and Technology POLITEHNICA Bucharest, Romania
- ✓ **Emil SIMION**, National University of Science and Technology POLITEHNICA Bucharest, Romania

Discussions and insights

Fractional Calculus, Wavelet Analysis, Evolutionary Algorithms, Data Analysis and Information Security, Game Theory - including Quantum, Partial and Ordinary Differential Equations, Mathematical Statistics, Graph Theory, Non-classical sets (algebraic and topological aspects), Generalized Matrices and Applications, AI Algorithms for Autonomous Robots, Research in Mathematics Education, Applied Mathematics.

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