

Call for Papers

The 13th International Conference on Integrated Modeling and Analysis in Applied Control and Automation - IMAACA 2021

<http://www.msc-les.org/conf/imaaca2021/index.html>

September 15-17, 2021

Cracow, Poland

Key Dates – Deadlines

Full draft papers (no abstracts accepted), April 15th 2021

Acceptance Notification, May 15th 2021

Camera Ready Papers, June 15th 2021

Journal Opportunities

The authors of best papers of IMAACA 2021 will be invited to submit an extended version to Special Issues of the following International Journals:

- **International Journal of Simulation and Process Modelling**
- **International Journal of Privacy and Health Information Management**

The updated list of Journals will be available at <http://www.msc-les.org/conf/imaaca2021/index.html>

Indexing

Scopus index the IMAACA proceedings; in addition, the I3M proceedings will be submitted for indexing in ISI Conference proceedings Citation Index and Google Scholar.

Access for free the I3M proceedings of previous editions

Conferences Proceedings are available at this link <http://www.msc-les.org/proceedings/i3m/index.html>

Awards

"*Gianni Cantice Research Award for Gifted Simulation Students*" and the "*Norbert Giambiasi Award for Conceptual Modeling Excellence*" will be announced during the I3M 2021 Gala Dinner and attributed to the best simulation student applicants. The Gianni Cantice Award is entitled to Col. Cantice as recognition for his long activity in Simulation; the Gianni Cantice Award Winner will receive the Award Certificate and a financial contribution (a free registration for the next I3M conference). The Norbert Giambiasi Award is entitled to Prof. Norbert Giambiasi as recognition for very highly qualified contribution in Conceptual Modeling and DEVS within International Simulation Community. The Norbert Giambiasi Award Certificate Board selects the paper among best Conceptual Modeling contributions to I3M Conference. If you have a student as co-author in your IMAACA paper the student could be considered for the award.

Conference Aim

The IMAACA conference brings experts together for the purpose of presenting and discussing all type of application relevant control, automation, supervision, decision and management problems emphasizing the role of model analysis as integral part of the complete design of automated systems. Particularly, it will focus on new concepts, methods, techniques and tools conceived in order to support an integrative interplay of modeling, identification, simulation, system analysis and control theory in all the stages of system design.

Venue

IMAACA 2021 will be held in Cracow, POLAND. Detailed information is available at: <http://www.msc-les.org/conf/i3m2021/venue.html>

Topics:

Continuous and Hybrid Systems, Lumped and Distributed Parameter Systems, Switched Systems, Qualitative Modeling, Bond Graph Modeling, Mathematical Modeling and Numerical Methods, Neural Networks, Fuzzy Systems, Nonlinear Systems, Large Scale Systems, Order Reduction and Model Simplification, System Identification, Adaptive Control, Expert Systems, Industrial Applications of Advanced Control, Intelligent Control, Multivariable Control, Nonlinear Control, Robust Control, Networked Control Systems, Fault Detection, Process Supervision, Software and Tools, CAD, MiL, SiL, PiL, HiL, Education.

Application Areas

Aero and Astro, Agroindustries, Automation, Biomechanics, Prosthetics and Biomedical Engineering, Car Industry, Chemical Engineering and Process Control, Electrical and Power Systems, Distributed Generation and Electrical Microgrids, Smart Grids, Environmental Systems, Food Industry, Integrated Manufacturing, Marine and Off-Shore Control, Mechatronics, Production Industry, Power Electronic Systems, Robotics & Mechanical Systems, Textile Industry, Transportation Systems. Spread of infectious diseases: modeling, simulation and control.

IMAACA 2021 ORGANIZATION COMMITTEE

Honorary Chair: [Geneviève Dauphin-Tanguy](#) (former General Co-Chair), France.

General Chair: [Sergio Junco](#), Universidad Nacional de Rosario, Argentina.

Program Chair: [Loucas Louca](#), University of Cyprus.

International Program Committee

Jorge Baliño, University of São Paulo, Brazil.

Wolfgang Borutzky, University of Applied Sciences Bonn-Rhein-Sieg, Germany.

Mauro Carignano, Altran, Belgium.

Nicolai Christov, LAGIS, Université des Sciences et Technologie de Lille, France.

Jean-Yves Dieulot, Polytech'Lille, France.

Alejandro Donaire, University of Newcastle, Australia.

Tulga Ersal, University of Michigan, USA.

Adrian Ilinca, Université du Québec à Rimouski, Canada.

Fabrizio Leonardi, University Center of FEI, Brazil.

Francesco Longo, University of Calabria, Italy.

Jean-Marc Mercantini, LIS – Laboratoire d'Informatique et Systèmes, Marseille, France.

Aziz Naamane, LIS – Laboratoire d'Informatique et Systèmes, Marseille, France.

Matías Nacusse, Universidad Nacional de Rosario, Argentina.

Norberto Nigro, CIMEC – Centro de Investigación de Métodos Computacionales, Argentina.

Belkacem Ould Bouamama, Université des Sciences et Technologie de Lille, France.

Rachid Outbib, LIS – Laboratoire d'Informatique et Systèmes, Marseille, France.

Pushparaj Mani Pathak, Indian Institute of Technology, Roorkee, India.

Ricardo Pérez Correa, PUC – Pontificia Universidad Católica, Chile.

Mónica Romero, Universidad Nacional de Rosario, Argentina.

Christophe Sueur, Centrale Lille, France.

Armand Toguyeni, Centrale Lille, France.

Vladimir Turetsky, ORT Braude College, Israel.

Costas Tzafestas, National Technical University of Athens, Greece.

Jorge Vega, CIESE (UTN-FRSF) and INTEC (CONICET-UNL), Argentina.

Daniel Viassolo, Schlumberger, Houston, TX, USA.

Anibal Zanini, Universidad de Buenos Aires, Argentina.

Contact and Information

For further information please contact Sergio Junco (imaaca2021@msc-les.org or sjunco@fceia.unr.edu.ar) or Francesco Longo (f.longo@unical.it).