

The 17th edition of the International Conference on Operations Research (17th ICOR+2025) took place within the framework of the Second International Convention Saber UH, organized in Havana (Cuba) from May 26th to May 30th, 2025. This convention featured 31 scientific events, with the participation of hundreds 400 of scientists from 30 countries.

ICOR+2025 was co-organized by Universidad de La Habana and Université Paris 1 Panthéon-Sorbonne, with co-sponsorship from the Sociedad Cubana de Matemática and the Asociación Latino-Iberoamericana de Investigación Operativa. This edition of ICOR+ had more than 100 registrants from 10 different countries. Extended versions of the ICOR+2025 contributions can be submitted to the journal *Investigación Operacional*, with manuscripts expected by December 30th, 2025. See submission terms on the journal WEB page at <https://rev-inv-ope.pantheonsorbonne.fr>.

Prestigious professionals delivered six Plenary Lectures: Patrice Bertail (France), Emilio Carrazosa (Spain), Zochil Gonzalez Arenas (Brazil), Jean-Charles Lamirel (France), Christiane Largeron (France), and Eduardo Martinez (Cuba), covering themes of Artificial Intelligence, Neurosciences, Optimization, Statistics, and Stochastic Dynamic Systems. A Plenary Session on Uncertain Sets was organized by two Main Lecturers: Florentin Smarandache (USA) and Maikel Yelandi Leyva Vazquez (Ecuador).

The scientific program included thematic sessions on Probability and Statistics, Game Theory, Optimization, Numerical Analysis & Algorithms, Biomathematics & Mechanics, Computer Sciences & Applications 1-2, Mathematical Models in Neurosciences, Studies on Environment & Social Problems, and Applications to the Control of Health Problems.

To open or close these thematic sessions, professors from China (Zhen Shen), Cuba (Armando Seuc Ho), France (Didier Aussel), Germany (Christine Tammer), Hungary (Bengt-Arne Wickström), and Spain (Juan Tejada) delivered Main Lectures related to the corresponding themes.

Finally, a poster session on the Design of Heuristic Algorithms showcased contributions linked to applications in medicine, logistics, and other areas. Additionally, the session *Novel PhD & Advanced PhD Students* highlighted recent results from the PhD Program on Mathematics and Computer Science at the Universidad de la Habana.

Three short courses (pre-event, tutorials, and post-event) were linked to the conference: *Optimización para el Aprendizaje Estadístico* by Diego dell Donne, *Statistics for Insurance* by Patrice Bertail and Carlos Fernández, and *New Methods Based on Large Language Models vs. Statistical Methods for NLP and Explainable AI: Focusing on Comparison and Evaluation for Topic Modeling and Embedding Tasks*, by Jean-Charles Lamirel.

On the morning of May 30th, decision-makers from micro, small, and medium-sized enterprises participated in the workshop *Analítica de Negocios para el Desarrollo Empresarial*. The goal of the workshop was to discuss Business Analytics methods for making intelligent decisions in their activities. Networking sessions provided opportunities to exchange ideas on the relationships between universities, enterprises, and local development, as well as to learn from international experiences in this area.

A postgraduate education project for decision-makers, and another for analysts in Business Analytics, was announced. Both programs are planned to begin during the 2025/2026 academic year.

The memory of Prof. Dr. Carlos Bouza Herrera, who passed away on December 10th, 2025, was also honored. He was recognized for his distinguished and meritorious scientific career, his work in organizing the International Workshops (IWOR) and Conferences (ICOR) on Operations Research since the 1970s, and his service as Secretary of the journal *Investigación Operacional* for more than thirty years.

His role as founder and coordinator of the *Red Iberoamericana de Estudios Cuantitativos Aplicados* (RIDECA) network was also acknowledged. During a special session of the 17th edition of ICOR, the annual meeting of RIDECA took place, where his legacy was remembered in an emotional tribute organized by Dr. José Félix García, Agustín Santiago, and José Maclovio Sauto (from Mexico), with the participation—both in person and online—of many RIDECA members, colleagues, and friends from various Latin American countries.

The Conference also took the opportunity to underline that 2025 marks the 60th year of the journal *Investigación Operacional*, founded in December 1966. The work of the Editorial Board members, including Prof. Dr. Jürgen Guddat, Prof. Dr. Bernd Bank, Prof. Dr. Monique Florenzano, Prof. Luis Rodríguez Marín, and all the Associate Editors, was acknowledged.

It was recalled that the journal has strengthened its international reach, thanks to the support of the SAMM Laboratory at Université Paris 1 Panthéon-Sorbonne and the efforts of Prof. Marie Cottrell.

A call for papers was announced for a special issue of *Investigación Operacional* dedicated to its 60th anniversary. This issue aims to bring together recent advances, diverse perspectives, and critical discussions in Operations Research, Probability and Statistics, Mathematical Economics, and Biomathematics, highlighting how these fields interact with Artificial Intelligence models.

We therefore invite all researchers to submit articles for publication in this special issue, scheduled for December 2026. Important dates and detailed submission instructions will be available soon at <https://rev-inv-ope.pantheonsorbonne.fr>.

Finally, we thank all participants as well as the administrative and technical staff who ensured the smooth running of the conference.

