IARIA Congress 2025

Forward

The 2025 IARIA Annual Congress on Frontiers in Science, Technology, Services, and Applications (IARIA Congress 2025), held between July 6th, 2025, and July 10th, 2025, in Venice, Italy, continued a series of international events keeping pace with the achievements and challenges our society is facing in science, technologies, services, and applications.

The annual event was a multidomain assembly of scientists, specialists, and decision makers from all economical, educational, and governmental entities, on Social Systems, Software, Data Science Analytics, Communications, Technology, and Networked Services. Apart from classical topics, the congress targeted frontier achievements on Knowledge Science, Data Science, Artificial Intelligence/Machine Learning (AI/ML)-based systems, Self-managing systems, Human-centric technologies, Advanced robotics, Virtual Worlds, Mobility, Sensing, Energy, Electric Vehicles, Green Energy, etc.

The IARIA Congress had a special scientific format where outstanding former IARIA scientists delivered dedicated speeches (Keynote speeches, Tutorial lectures) along with peer-reviewed contributions on the themes of achievements and challenges in science, technologies, services, and applications.

We take here the opportunity to warmly thank all the members of the IARIA Congress 2025 technical program committee, as well as all the reviewers. The creation of such a high-quality conference program would not have been possible without their involvement. We also kindly thank all the authors who dedicated much of their time and effort to contribute to IARIA Congress 2025. We truly believe that, thanks to all these efforts, the final conference program consisted of top-quality contributions. We also thank the members of the IARIA Congress 2025 organizing committee for their help in handling the logistics of this event.

We hope that IARIA Congress 2025 was a successful international forum for the exchange of ideas and results between academia and industry for the promotion of progress in our society. We also hope that Venice, Italy, provided a pleasant environment during the conference and everyone saved some time to enjoy the charm of the city.

IARIA Congress 2025 Chairs

IARIA Congress 2025 Steering Committee

Carlos Becker Westphall, Federal University of Santa Catarina, Brazil Luigi Lavazza, Università dell'Insubria – Varese, Italy Timothy T. Pham, Jet Propulsion Laboratory - California Institute of Technology, USA Lasse Berntzen, University of South-Eastern Norway, Norway Arcady Zhukov, University of Basque Country (UPV/EHU), San Sebastian / Ikerbasque, Basque Foundation for Science, Bilbao, Spain Yasushi Kambayashi, Sanyo-Onoda City University, Japan Gerhard Hube, Technical University of Applied Sciences Würzburg-Schweinfurt, Germany Renwei (Richard) Li, Southeast University, China

IARIA Congress 2025 Publicity Chairs

Sandra Viciano Tudela, Universitat Politecnica de Valencia, Spain Lorena Parra Boronat, Universidad Politécnica de Madrid, Spain José Miguel Jiménez, Universitat Politecnica de Valencia, Spain