



Call for Papers: 22nd International Conference on Intelligent Environments (IE'26) 15-18 of June, 2026

The International Conference on Intelligent Environments (IEs) is in its nineteenth year and is now recognized as a major annual venue in the area. IE, that has been hosted all around the world, offers a truly international forum and welcomes contributions from all over the planet. IEs refer to physical spaces in which information and communication technologies, artificial intelligence, interfaces sensing and actuating technologies are woven in order to create interacting spaces. The ultimate objective of such environments is to enrich users' activities, while allowing users to manage them and be aware of each other's capabilities.

The 22nd International Conference on Intelligent Environments (IE2026) will be held in the beautiful city of Lisbon. For those who cannot attend in person there will be a possibility to attend parts of the event online.

Conference Program: IE is a multidisciplinary event welcoming contributions from a diversity of various relevant areas, including sensors and actuators, signal processing (incl. audio and images), networking, human-computer interaction, artificial intelligence, software engineering, context-awareness, internet of things, pervasive and ubiquitous computing, applied in domains such as healthcare, education, culture, and building environments etc. The event will include regular full/short papers as well as a Doctoral Colloquium, a Posters Session, and Demos & Videos Session and affiliated workshops.

Workshops: The conference will start with a series of workshops:

- ALLEGET – Workshop on Artificial intelligence and machine learning for Emerging Topics
- CSAISCE – Cybernetic Systems: Applications to Inclusive Smart Cities Environments
- DiDiT – International Workshop on Distributed Digital Twins
- EDL-IE – Embedded Deep Learning for Real-Time Intelligent Environments
- WISHWell – Workshop on Intelligent Environments Supporting Healthcare and Well-being
- WORIE – Workshop on the Reliability of Intelligent Environments

Tutorials: Supplementing the workshops, there will be the following tutorials:

- Advances in Vision-Based Technologies for UAV Autonomous Navigation, Path Planning, and Cooperative Systems with UGVs
- Batteryless IoT sensing solutions for sustainable environmental monitoring
- Digital Twin for Intelligent Parcel Sorting: Real-Time Management and Optimization in Logistics Networks
- Age of Information: Fundamentals, Applications, and Beyond
- Large Language Model-Enabled Participatory Platforms for Intelligent Urban Systems
- Technology in Physiotherapy: Innovative Tools for Enhanced Patient Care
- From Concept to Code: Building a Digital Twin for Virtual Power Plant Simulation with Python
- Spatio-Temporal Trajectory Foundation Model: Recent Advances and Future Directions
- Emotion Recognition for Intelligent Environments: EEG-based Affective Computing and Self-Adaptive Systems

Publications: As in previous editions, we expect all papers accepted in the main conference will be published by IEEE in indexed proceedings, kindly supported by the Awareness Computing Technical Committee of the SMC Society. All papers accepted in the workshops program will be published as a volume of the IOS Press/Sage Ambient Intelligence and Smart Environments Book Series and also electronically available through ACM Digital Library. Both the articles in the IEEE proceedings and the IOS Press books will be indexed. As in previous years, a selection of papers will be invited to extend and submit extended versions to journals (these are currently being agreed and further details published in the webpage of the event).

Keynote Speakers: IE2026 includes keynote lectures by the following distinguished speakers:

- "Human-Interactive Robot Learning in Daily Environments" by F. Michaud (U. of Sherbrooke, Canada)
- "From Transparency to Agency: Interactive Explanations for User Empowerment" by Katrien Verbert (KU Leuven, Belgium)
- "Invisibles: A New Frontier in Biomedical Signal Acquisition and Processing" by Hugo Plácido da Silva (IST, Portugal)

Industrial Forum: This will be a networking event and an opportunity for the business sector to showcase their innovation.

Awards: As in past editions there will be a range of prizes to reward quality in the contributions made by scientists in our community

Honorary Chairs:

Pedro Girão (ISCTE-IUL, Portugal)

General Chairs:

Octavian Postolache (ISCTE-IUL, Portugal)

Edward Sazonov (University of Alabama, USA)

Program Chairs:

Sebastien Gaboury (UQAC, Canada)

Rosdiadee Nordin (Sunway University, Malaysia)

Juan Carlos Augusto (Middlesex University, UK)

Local Organising Committee Chair(s):

Pedro Sebastião (Iscte-IUL, Portugal)

Workshop Chairs:

Jennifer McArthur (Toronto Metropolitan U., Canada)

Daniela Micucci (U. di Milano-Bicocca, Italy)

Joaquim Mendes (FEUP, PT)

Posters and Short Papers Chairs:

Paula Lago (Concordia University, Canada)

Silvia Faquiri (RheinMain U. of A.S., Germany)

Filipa Brito (University of Lisbon, Portugal)

Doctoral Colloquium Chairs:

Shadi Abudalfa (King Fahd University, KSA)

Dilek Dustegor (U. of Groningen, Netherlands)

Braulio Alturas (Iscte-IUL)

Demos and Video Chair(s):

Jaehwa Park (Chung-Ang University, Korea)

Andrés Muñoz Ortega (University of Cádiz, Spain)

Sancho Oliveira (Iscte-IUL)

Tutorials Chairs:

Ruizhi Liao (Chinese University of Hong Kong, China)

Ihsane Gryech (K.U. Leuven, Belgium)

Fernando Velez (IT, UBI)

Journal Special Issues Chairs:

Nico Surantha (Tokyo City University, Japan)

Jeannette Chin (UEA, UK)

Goran Vojkovic (University North, Croatia)

Publicity and Social Media Chairs:

Bruno Bouchard (UQAC, Canada)

Paula Lago (Concordia University, Canada)

Goran Vojkovic (University North, Croatia)

Mariana Jacob Rodrigues (Iscte-IUL)

Adnan Mahmood (Macquarie University, Australia)

Awards and Prizes Chairs:

Okba Kazar (University of Kalba, UAE)

Carlos Rodriguez Dominguez (U. of Granada, Spain)

Professional Society Liaison Chairs:

Aditya Santokhee (Middlesex University Mauritius, UK)

Juan Carlos Augusto (Middlesex University, UK)

Industrial Forum Chair(s):

Amna Asif (U. of Lancaster at Leipzig, Germany)

Important Dates:

Conference paper submission: 1 December 2025

Communication of results: 20 February 2026

Camera ready versions: 30 March 2026

Workshops paper submission: 13 March 2026

Workshops results: 10 April 2026

Workshops camera ready: 17 April 2026

Topics of interest include but are not limited to:

Smart spaces	Smart buildings
Smart cities	Smart education
Smart communities	Smart healthcare tech
Mobile computing	Pervasive computing
Multimodal interaction	Context awareness
Robotic companions	Energy Efficiency
Artificial intelligence	Ambient Assisted Living
Computational intel.	Evaluation and Corpora
Middleware	Evaluation Paradigms
Architecture	Data Acquisition
Virtual/Mixed reality	Labelling and Data Sets
Collaborative tools	User Studies
Sensors and actuators	Signal Processing
Industry 4.0	

The conference is organized by:



The event is supported by:



Visit our website <https://ie2026.pt>

