

## Call for Papers: 22<sup>nd</sup> 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 actuator sensing, 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.

**Special Sessions:** Within the conference, there will be special tracks proposed by members from our scientific community.

**Workshops:** The event will also be complemented with a varied Workshops program (to be announced soon).

**Tutorials:** Supplementing the workshops, there will be tutorials delivered by well-known colleagues on current relevant topics.

**Proposals for workshops, special sessions, or tutorials by:** 10<sup>th</sup> September 2025  
**Decisions on proposals communicated on:** 17<sup>th</sup> September 2025

**Publications:** As in previous editions, we expect all papers accepted in the main conference will be published by IEEE in indexed proceedings (currently in negotiation with IEEE, as in previous editions). All papers accepted in the workshop papers program will be published as a volume of the IOS Press Ambient Intelligence and Smart Environments Book Series of IOS Press and also electronically available through ACM Digital Library. Both the articles in the IEEE proceedings and the IOS Press books will be ISI indexed. As in previous years, a selection of papers will be invited to extend and submit extended versions to journals.

**Keynote Speakers:** The conference will include keynote lectures by distinguished speakers from industry and academia.

**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

<p><b>Honorary Chairs:</b> Pedro Girão (ISCTE-IUL, Portugal)</p> <p><b>General Chairs:</b> Octavian Postolache (ISCTE-IUL, Portugal) Edward Sazonov (University of Alabama, USA)</p> <p><b>Program Chairs:</b> Sebastien Gaboury (UQAC, Canada) Rosdiadee Nordin (Sunway University, Malaysia) Juan Carlos Augusto (Middlesex University, UK)</p> <p><b>Local Organising Committee Chair(s):</b> Pedro Sebastião (Iscte-IUL, Portugal)</p> <p><b>Workshop Chairs:</b> Jennifer McArthur (Toronto Metropolitan U., Canada) Daniela Micucci (U. di Milano-Bicocca, Italy) Joaquim Mendes (FEUP, PT)</p> <p><b>Posters and Short Papers Chairs:</b> Paula Lago (Concordia University, Canada) Silvia Faquiri (RheinMain U. of A.S., Germany) Filipa Brito (University of Lisbon, Portugal)</p> <p><b>Doctoral Colloquium Chairs:</b> Shadi Abudalfa (King Fahd University, KSA) Dilek Dustegor (U. of Groningen, Netherlands) Braulio Alturas (Iscte-IUL)</p>	<p><b>Important Dates:</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Conference paper submission:</td> <td style="padding: 2px;">1 December 2022</td> </tr> <tr> <td style="padding: 2px;">Communication of results:</td> <td style="padding: 2px;">20 February 2026</td> </tr> <tr> <td style="padding: 2px;">Camera ready versions</td> <td style="padding: 2px;">30 March 2026</td> </tr> <tr> <td style="padding: 2px;">Workshops paper submission</td> <td style="padding: 2px;">2 March 2026</td> </tr> <tr> <td style="padding: 2px;">Workshops results:</td> <td style="padding: 2px;">6 April 2026</td> </tr> <tr> <td style="padding: 2px;">Workshops camera ready</td> <td style="padding: 2px;">15 April 2026</td> </tr> </table> <p><b>Topics of interest include but are not limited to:</b></p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">Smart spaces</td> <td style="padding: 2px;">Smart buildings</td> </tr> <tr> <td style="padding: 2px;">Smart cities</td> <td style="padding: 2px;">Smart education</td> </tr> <tr> <td style="padding: 2px;">Smart communities</td> <td style="padding: 2px;">Smart healthcare tech</td> </tr> <tr> <td style="padding: 2px;">Mobile computing</td> <td style="padding: 2px;">Pervasive computing</td> </tr> <tr> <td style="padding: 2px;">Multimodal interaction</td> <td style="padding: 2px;">Context awareness</td> </tr> <tr> <td style="padding: 2px;">Robotic companions</td> <td style="padding: 2px;">Energy Efficiency</td> </tr> <tr> <td style="padding: 2px;">Artificial intelligence</td> <td style="padding: 2px;">Ambient Assisted Living</td> </tr> <tr> <td style="padding: 2px;">Computational intel.</td> <td style="padding: 2px;">Evaluation and Corpora</td> </tr> <tr> <td style="padding: 2px;">Middleware</td> <td style="padding: 2px;">Evaluation Paradigms</td> </tr> <tr> <td style="padding: 2px;">Architecture</td> <td style="padding: 2px;">Data Acquisition</td> </tr> <tr> <td style="padding: 2px;">Virtual/Mixed reality</td> <td style="padding: 2px;">Labelling and Data Sets</td> </tr> <tr> <td style="padding: 2px;">Collaborative tools</td> <td style="padding: 2px;">User Studies</td> </tr> </table>	Conference paper submission:	1 December 2022	Communication of results:	20 February 2026	Camera ready versions	30 March 2026	Workshops paper submission	2 March 2026	Workshops results:	6 April 2026	Workshops camera ready	15 April 2026	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
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**Demos and Video Chair(s):**

Jaehwa Park (Chung-Ang University, Korea)  
Andrés Muñoz Ortega (University of Cádiz, Spain)  
Sancho Oliveira (Iscte-IUL)

**Special Session Chairs:**

Kevin Kam Fung Yuen (Hong Kong Polytechnic University)  
Sofia Ouhbi (Uppsala University)

**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)

**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)

Sensors and actuators  
Industry 4.0

Signal Processing (incl.  
audio and images)

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

The conference is organized by:

