



Intelligent Environments (IE) refer to physical spaces in which IT and other pervasive computing technology are woven and used to achieve specific goals for the user, the environment or both. IEs have the ultimate objective of enriching user experience, better manage, and increase user awareness of that environment. The [16th International Conference on Intelligent Environments \(IE2020\)](http://blogs.upm.es/ie2020) will be held at the city of Madrid, the capital of Spain.

Conference Program: The conference provides a multidisciplinary collaborative forum for researchers and practitioners from Computer Science, Telecommunications Engineering, Electronic Engineering, Building Architecture, Art & Design, Sociology, Government and Education, Cybersecurity, Life Science and Healthcare to present theoretical and practical results related to the development and applications of Intelligent Environments. The event will include regular full/short papers as well as a Doctoral Colloquium, a Posters Session and Tutorial, Demos & Videos Session.

Workshops Program: as in previous editions, a number of workshops will complement the main conference program. Papers accepted in any of the workshops sponsored by this conference will be included in one Proceedings volume that will collect the contributions in all workshops. A list of proposed and accepted workshops will be published soon.

Publications: all papers accepted in the main conference will be published in an indexed proceedings (currently in negotiation with IEEE, as in previous editions). All papers accepted in the Workshops program will be published as a volume of the Ambient Intelligence and Smart Environments Series (ISI indexed) of IOS Press and electronically available through ACM Digital Library.

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

Tutorials Program and Doctoral Colloquium: The conference offers an interesting scenario for presenting interactive research works in the form of tutorials. In addition, the conference will provide to doctoral students an interesting opportunity for presenting their research work and obtaining feedback from senior and experienced researchers.

Special Issues: a number of journal issues will be published encompassing core areas of the event, such as Sensors-MDPI or IEEE ACCESS.

Special Sessions: selected topics will qualify to be considered as special tracks organized by members from our scientific community. More details will be released through the [webpage](#) of the event.

Awards: these will recognize the best Full Paper, Short Paper, Doctoral Colloquium (DC) paper, Demo, and Video.

<p>Important Dates: Workshops/Tutorials/Special sessions Proposals: 30th November 2019 Conference paper submission: 20th January 2020</p> <p>General Chairs: José I. Moreno (UPM, Spain) Dumitru Roman (SINTEF AS, Norway)</p> <p>Program Chairs: Carlos A. Iglesias (UPM, Spain) Alessandro Ricci (Universita di Bologna, Italy)</p> <p>Organization & Special Session Chair: Mario Vega-Barbas (UPM, Spain)</p> <p>Workshop Chairs: Iván Pau (UPM, Spain) Fernando Seoane (Karolinska Institutet, Sweden) Vicente Traver (UPV, Spain) Vincent Tam (University of Hong Kong, Hong Kong)</p> <p>Publications Chairs: Álvaro Carrera (UPM, Spain) Paulo R. Martins Maciel (F. Univ. of Pernambuco, Brazil) Massimo Mecella (Sapienza Università di Roma, Italy)</p>	<p>Topics of interest include but are not limited to:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">Ambient intelligence</td> <td style="width: 50%;">Smart buildings</td> </tr> <tr> <td>Ubiquitous/Pervasive computing</td> <td>Smart educational technology</td> </tr> <tr> <td>Context awareness</td> <td>Sustainable design</td> </tr> <tr> <td>HCI, IxD, UX</td> <td>Smart cities</td> </tr> <tr> <td>Wearables</td> <td>AAL</td> </tr> <tr> <td>Robotics</td> <td>Sensors</td> </tr> <tr> <td>Artificial intelligence</td> <td>Virtual/Mixed reality</td> </tr> <tr> <td>Computational intelligence</td> <td>Wireless sensor networks</td> </tr> <tr> <td>Data Analytics and Visualization</td> <td>Mobile computing</td> </tr> <tr> <td>Cybersecurity</td> <td>IoT</td> </tr> <tr> <td>Architecture and interaction design</td> <td>Design and reliability of systems</td> </tr> </table> <p style="text-align: center;">Visit our website https://blogs.upm.es/ie2020/ or contact by email: ie2020@etsit.upm.es</p>	Ambient intelligence	Smart buildings	Ubiquitous/Pervasive computing	Smart educational technology	Context awareness	Sustainable design	HCI, IxD, UX	Smart cities	Wearables	AAL	Robotics	Sensors	Artificial intelligence	Virtual/Mixed reality	Computational intelligence	Wireless sensor networks	Data Analytics and Visualization	Mobile computing	Cybersecurity	IoT	Architecture and interaction design	Design and reliability of systems
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