



## Call for Papers: 15<sup>th</sup> International Conference on Intelligent Environments (IE'19)

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 [15<sup>th</sup> International Conference on Intelligent Environments \(IE'19\)](#) will be held at the city of Rabat, the capital and one of the imperial cities of Morocco.

**Conference Program:** The conference provides a multidisciplinary collaborative forum for researchers and practitioners from *Computer Science, Electronic Engineering, Building Architecture, Art & Design, Sociology, Government and Education* 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 *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. The following Workshops have been proposed:

- 10th International Workshop on Intelligent Environments Supporting Healthcare and Well-being (WISHWell'19)
- 8th International Workshop on the Reliability of Intelligent Environments (WORIE'19 )
- 5th Symposium on Future Intelligent Educational Environments and Learning (SOFIEE'19)
- 4th International Workshop on Smart Sensing Systems (IWSSS'19)
- 3rd International Workshop on Future Internet and Smart Networks (FI&SN'19)
- 3rd International Workshop on Intelligent Systems for Agriculture Production and Environment Protection (ISAPEP'19 )
- 3rd International Workshop on Legal Issues in Intelligent Environments (LIEI'19 )
- 3rd International Workshop on Citizen-Centric Smart Cities Services (CCSCS'19 )
- 1st International Workshop on Digital Health Data: Transforming Data Into Knowledge (DHD'19 )
- 1st International Workshop on Intelligent Environments and Buildings (IEB'19)

**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 Programme:** for this edition we will include a number of tutorials by well-known colleagues on current relevant topics:

- "The Automation of Everything era", by H. Khyati
- "Wireless Communications with Unmanned Aerial Vehicles (UAVs): from Wi-Fi to 5G", by E. Vinogradov & S. Pollin
- "Design and Analysis of IoT Communication Systems", by F. Falcone
- "Fundamentals of indoor location for smart environments applications", by O. Belmonte-Fernández
- "Smart Environments Architecture (SEARCH)", by J. C. Augusto
- "Hands-on Process Mining for Smart Environments", by M. Mecella and F. Leotta.
- "Rapid prototyping large-scale Internet of Things applications", by J. Chin

**Special Issues:** a number of journal issues will be published encompassing core areas of the event, such as Sensors-MDPI. More details in relation with Special Issues can be found [here](#).

**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.

**Keynote Speakers:** The conference will include keynote lectures the following distinguished speakers:

**Prof. Keiichi Yasumoto** (NAIST, Japan)  
**Dr Abderrahim Labbi** (IBM Research, Switzerland)

<p><b>Important Dates:</b>  <b>Conference paper submission: 15<sup>th</sup> January 2019</b>  <small>(all categories of papers)</small>          Communication of results from Conference: 15<sup>th</sup> of March  <b>Deadline to submit papers to workshops: 25<sup>th</sup> of March</b>          Conference papers final version: 15<sup>th</sup> of April          Communication of results from Workshops: 25<sup>th</sup> of April          Workshops papers final versions: 1<sup>st</sup> of May  <b>Early Bird registration: 15<sup>th</sup> May 2019</b></p> <p><b>General Chairs:</b>          Mounir Ghogho (UIR, Morocco)          Sofie Pollin (KU Leuven)</p> <p><b>Program Chairs:</b>          Francisco Falcone (UPNA-ISC, Spain)          Subhas Mukhopadhyay (Macquarie Univ., Australia)</p> <p><b>Keynote Lecture Chairs:</b>          Wolfgang Minker (University Of Ulm, Germany)</p> <p><b>Workshop Chairs:</b>          Andres Muñoz (UCAM, Spain)          Sofia Ouhbi (UIR, Morocco)</p> <p><b>Tutorials Chair:</b>          Miguel Navarro-Cia (University of Birmingham)          Loubna Echabbi (INPT, Morocco)</p> <p><b>Short Papers (Posters) Chairs:</b>          Antonio Coronato (CNR, Italy)          Yoshito Tobe (Aoyama Gakuin University, Japan)          Nada Sbihi (UIR, Morocco)</p> <p><b>Demos &amp; Video Chairs:</b>          Jason J. Jung (Chung-Ang University, Korea)          Paulo Novais (U. do Minho, Portugal)          Daniel Bonilla Licea (UIR, Morocco)</p> <p><b>Doctoral Colloquium Chairs:</b>          Jeannette Chin (Anglia Ruskin Univ., UK)          Gordon J. Hunter (Kingston University, UK)          Abdellatif Kobbane (U. Mohamed V, Morocco)</p> <p><b>Industrial Forum Chairs:</b>          Kevin I-Kai Wang (U. of Auckland, NZ)          Hafid Griguer (CE3M, Morocco)</p> <p><b>Publications Chairs:</b>          Massimo Mecella (Sapienza University, Italy)          Essaid Sabir (University Hassan II, Morocco)</p> <p><b>Sponsorships Chair:</b>          Kenza Oufaska (UIR, Morocco)</p> <p><b>Professional Society Liaison Chair</b>          Diane J. Cook (WSU, USA)</p>	<p><b>Topics of interest include but are not limited to:</b></p> <table border="0"> <tr> <td>Ambient intelligence</td> <td>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</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>Middleware</td> <td>Mobile computing</td> </tr> <tr> <td>Architecture and interaction design</td> <td>Design and reliability of systems</td> </tr> </table> <p><b>Visit our website <a href="http://www.intenv.org/">http://www.intenv.org/</a></b></p>	Ambient intelligence	Smart buildings	Ubiquitous/Pervasive computing	Smart educational technology	Context awareness	Sustainable design	HCI	Smart cities	Wearables	AAL	Robotics	Sensors	Artificial intelligence	Virtual/Mixed reality	Computational intelligence	Wireless sensor networks	Middleware	Mobile computing	Architecture and interaction design	Design and reliability of systems
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**The conference is organized by:**



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