



Call for Papers: 19th International Conference on Intelligent Environments (IE'23)

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 19th International Conference on Intelligent Environments (IE2023) will be held in the beautiful Island of Mauritius. Situated next to Madagascar, Mauritius is home to some of the world's rarest plants and animals. For those who cannot come to the beautiful Mauritius, and will IE'23 will offer hybrid (online) participation options.

Conference Program: IE is a multidisciplinary event welcoming contributions from a diversity of various relevant areas, including sensors and actuating, 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 environment 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 September 2022
Decisions on proposals communicated on: 20 September 2022

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

Important Dates:

Conference paper submission:	1 December 2022
Communication of results:	20 February 2023
Camera ready versions	30 March 2023
Workshops paper submission	1 March 2023
Workshops results:	5 April 2023
Workshops camera ready	15 April 2023

Honorary Chair(s):

Priscilla Ramsamy (MDX-Mauritius)

General Chair(s):

Juan Carlos Augusto (Middlesex University London, UK)

Program Chair(s):

Egon L. van den Broek (Utrecht University, The Netherlands)

Ehsan Adeli (Stanford University, USA)

Local Organising Committee Chair(s):

Aditya Santokhee (Middlesex University, Mauritius)

Workshop Chair(s):

Somaya Ben Allouch (Amsterdam UAS, The Netherlands)

Massimo Mecella (Sapienza Università di Roma, Italy)

Girish Bekaroo (MDX-Mauritius)

Posters and Short Papers Chair(s):

Francesco Leotta (Sapienza Università di Roma, Italy)

Visham Ramsurrun (MDX-Mauritius)

Doctoral Colloquium Chair(s):

Ayşegül Uçar (Firat University Turkey)

Demos and Video Chair(s):

Hirozumi Yamaguchi (Osaka University, Japan)

Mitja Lustrek (Jožef Stefan Institute, Slovenia)

Amar Seeam (MDX-Mauritius)

Special Session Chair(s):

Andrés Muñoz Ortega (University of Cadiz, Spain)

Yue Gao (Tsinghua University, China)

Keynotes and Tutorials Chair(s):

Jian Yu (Auckland University of Technology, NZ)

Niki Martinel (University of Udine, Italy)

Zia Lallmahomed (MDX-Mauritius)

Journal Special Issues Chair(s):

V.M. Zamudio-Rodriguez (Inst. Tecn. de León, México)

Miguel J. Hornos (University of Granada, Spain)

Publicity and Social Media Chair(s):

Jeannette Chin (UEA -UK)

Nivede Issur (MDX-Mauritius)

Gregory Dookhee (MDX-Mauritius)

Vidoushi Dawosing (MDX-Mauritius)

Awards and Prizes Chair(s):

Carlos Rodriguez Dominguez (U. of Granada, Spain)

Professional Society Liaison Chair(s):

Jeannette Chin (UEA -UK)

Suraj Juddoo (MDX-Mauritius)

Industrial Forum Chair(s):

Ameerah Assotally (MDX-Mauritius)

Sponsorships Chair(s):

Dalilah Kalla (MDX-Mauritius)

Topics of interest include but are not limited to:

Smart spaces

Smart cities

Smart communities

Mobile computing

Multimodal interaction

Robotic companions

Artificial intelligence

Computational intel.

Middleware

Architecture

Virtual/Mixed reality

Collaborative tools

Sensors and actuators

Industry 4.0

Smart buildings

Smart education

Smart healthcare tech

Pervasive computing

Context awareness

Energy Efficiency

Ambient Assisted Living

Evaluation and Corpora

Evaluation Paradigms

Data Acquisition

Labelling and Data Sets

User Studies

Signal Processing (incl. audio and images)

Visit our website <http://ie2023.mdxmru.com/>



Utrecht
University