DoCEIS 2027

Call for Papers

18th Advanced Doctoral Conference on Computing, Electrical and Industrial Systems



Technological Innovation for AI-Reshaped Life

24 – 25 JUNE 2027 | **CAPARICA (LISBON AREA), PORTUGAL**

The rapid evolution of Artificial Intelligence (AI) is transforming the way we interact with the world. AI is becoming increasingly intertwined with energy systems, infrastructures, healthcare, and other physical systems, influencing virtually every aspect of our lives. It is reshaping how we live, work, learn, make decisions, and relate to one another.

As these developments become increasingly interconnected, a holistic approach to technological development is essential, alongside a workforce equipped for continuous learning and adaptation. Across industries and all sectors of society, technologies can no longer be considered in isolation. Their growing interdependence will play a defining role in shaping the pace, direction, and impact of the next digital era.

This transformation also raises critical challenges concerning sustainability, trust, and safety. Addressing these challenges requires the research community to embrace multidisciplinary perspectives, promote innovation and value creation, and ensure that technological progress is guided by strong ethical principles.

Join us at DoCEIS 2027 to present and discuss your research, exchange ideas with fellow doctoral students, and contribute to shaping this ongoing transformation.

Topics of Interest

- Computational and Perceptional Systems
- Robotics and Integrated Manufacturing
- Enterprise Collaborative Networks
- Applied Artificial Intelligence
- Sustainability
- Telecommunications
- Biomedical Engineering
- Cyber-Physical Systems
- Electronics
- Energy

Submission Types

1 Regular Papers on Ongoing PhD Thesis
Motivation and research question · Relation to the conference theme (1 page) · Literature review, contribution, results, discussion · 12 pages (guidelines on the website)

2 Finished PhD Thesis Overview
Overview of PhD thesis finished during last year · Relation to the conference theme (at least 1 page) · 16 pages (guidelines on the website)

3 Posters
Preliminary PhD plans (guidelines on the website)

4 Special Sessions
Special session proposals are welcome

Conference Chairs

Conference & Program Chair: Prof. Luís M. Camarinha-Matos
Program Co-Chair: Prof. Filipa Ferrada
Associated Activities Chair: Prof. João Pedro Oliveira
Associated Activities Co-Chair: Prof. Anabela Pronto
Financial Chair: Prof. Anikó Costa
Financial Co-Chair: Prof. João Guerreiro
Organization Logistics Chair: Prof. Pedro Pereira
Organization Logistics Co-Chair: Prof. Sanaz Nikghadam-Hojjati

Proceedings

Proceedings are expected to be published by **Springer**, **IFIP AICT** series (indexed in **Web of Science**, **SCOPUS** and **DBLP**).

Best papers will be considered for possible inclusion in a **special journal** issue.

For additional information visit

doceis.dee.fct.unl.pt

Important Dates

JAN 22	Abstract submission
FEB 19	Full paper submission
MAR 29	Acceptance notification
APR 12	Camera ready submission
JUN 24–25	DoCEIS conference days

Paper selection will be based on **full-text, double-blind review**. Prospective authors should submit a short abstract in advance to check adequacy to conference scope.

ORGANIZATIONAL SPONSORS

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* Based on previous editions, but pending confirmation