



## CALL FOR PAPERS

# 18<sup>th</sup> International Symposium on Intelligent Distributed Computing (IDC 2026)

11-14 OCTOBER, 2026 Thessaloniki, Greece

<https://conferences.sigappfr.org/idc2026/>

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and Information Systems  
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The 18th International Symposium on Intelligent Distributed Computing (IDC 2026) provides an open forum for enhancing the collaboration between researchers, lecturers, and students from Intelligent Computing and Distributed Computing communities. Intelligent Computing covers a hybrid palette of methods, techniques and their applications ranging from classical artificial intelligence, information and data sciences, multi-agent technologies or computational intelligence to more recent trends such as swarm intelligence, bio-inspired computation, cloud computing, machine learning or social/cyber-physical trust and security. Distributed Computing develops methods and technology to build complex computational systems composed of collaborating software components scattered across diverse computational elements. IDC 2026 welcomes research works centered on all aspects of intelligent distributed computing, with an intention to balance between theoretical research ideas and their application to great variety of industrial cases. Topics include, but are not restricted to:

- Cloud Computing
- Ephemeral and Unreliable computing
- Intelligent Distributed and High-Performance Architectures
- Intelligent Distributed Knowledge Representation and Processing
- Intelligent Transportation Systems
- Nature-inspired methods for supervised and unsupervised data mining
- Networked Intelligence
- Parallel metaheuristics for optimization
- Distributed swarm robotics systems
- Intelligent Distributed Applications
- Internet of Things
- Organization and Management

IDC 2026 will be collocated with the 12<sup>th</sup> Balkan Conference in Informatics (BCI), and the 11<sup>th</sup> International Conference on Web Intelligence, Machine Intelligence and Semantics (WIMS). IDC participants will have the opportunity to submit papers to WIMS and BCI conferences, and to exchange ideas with the respective communities.

### Submission, proceedings

Types of welcomed submissions: (a) full research papers (15 pages max including figures, tables and references) describing research accomplishments, and (b) short research papers (10 pages max) i.e., experience reports, project overviews, etc., which are nevertheless of interest and value for the participants of the conference, and (c) posters (4 pages max). Submitted papers should be original contributions and should not have been accepted or submitted elsewhere. Papers must be submitted through CMT system (follow the link at the website). Author instructions along with LaTeX2e (preferred) and Word macro files are available at <https://www.springer.com/gp/computer-science/lncs/conference-proceedings-guidelines>.

For every accepted paper to be presented in the conference and included in the Springer proceedings, at least one author must make a full registration.

### Special issues

Selected papers will be invited to *SN Computer Science*, *Digital* and *ComSis* journals.

### Important Dates

- |                                    |                                 |
|------------------------------------|---------------------------------|
| <b>27 May 2026 (new deadline):</b> | Full papers submission          |
| 27 June 2026:                      | Notification of acceptance      |
| 13 July 2026:                      | Camera readies and registration |