



### ABOUT CoopIS 2022

This 28<sup>th</sup> edition of **CoopIS**, Cooperative Information Systems, attempts to span a relevant range of the advanced research and cutting-edge development and application, happening in the general area of ubiquitous distributed computing. **CoopIS 2022**, invites fundamental contributions on principles and applications of distributed and collaborative computing in workflows of networked organizations, enterprises, governments of just communities.

Topic 1: Data, Information, and Knowledge Engineering  
Topic 2: Machine-Learning and Knowledge Discovery  
Topic 3: Process Analytics and Technology  
Topic 4: Semantic Interoperability and Open Standards  
Topic 5: Security and Privacy  
Topic 6: Internet of Things and Digital Twins  
Topic 7: Architecture and Management of ISs  
Topic 8: Human Aspects and Social Interaction in ISs  
Topic 9: Services and Cloud in Information Systems

In recent years, several innovative technologies have emerged: Cloud Computing, Service Oriented Computing, the Internet of Things, Linked Open Data, Semantic Systems, Collective Awareness Platforms, Block Chain, Processes as a Service, etc, that enable the next generation of CISs. Research and industry developments are needed towards (a) the applicability and use of the innovative technologies, (b) approaches to develop CISs in particular catering towards the multitude of stakeholders involved in the development of cyber-social-physical systems, and (c) associated modelling techniques to express and analyse the different aspects of these systems in coherence.

### GENERAL CHAIRS

**Hervé Panetto**, University of Lorraine, Nancy, France  
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### PROGRAM COMMITTEE CHAIRS

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<https://coopisconference.org/>

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### ABOUT EDOC 2022

**EDOC 2022** is the 26<sup>th</sup> conference, a key forum for researchers in Enterprise Computing. EDOC focuses on methodologies, and engineering building and evolving intrasystems. From 2022 on, EDOC will focus on Design, Operations and Computing aspects of interest to the research community and operating "Flexible Enterprises" in an ever-changing world under trends, and technologies, as well as intelligence.

Topic 1: Enterprise and Systems  
Topic 2: Service-Oriented IT Architectures  
Topic 3: Software Architecture  
Topic 4: Model Based Enterprise  
Topic 5: Model-driven architecture  
Topic 6: Enterprise Security  
Topic 7: Business Process and Information  
Topic 8: Semantics and Information

In this context, new concepts and approaches are needed to address pressing challenges in manufacturing, finance, energy, sustainable agriculture, supply chain, while ensuring compliance with regulations as long-term interoperability and (b) to leverage technologies like learning, IoT, big data analytics, and trusted enterprise practices.

### GENERAL CHAIRS

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**João Paulo A. Almeida**, Federal University of Rio de Janeiro  
**Dimka Karastoyanova**, University of Plovdiv

CoopIS 2022 and EDOC 2022 are looking for attracting from various kind of professionals, from all continents:

- \* IT professionals & architects
- \* Software developers
- \* Knowledge Management Executives
- \* Information Systems Managers
- \* Innovation Executives
- \* R&D Executives
- \* Academics from worldwide universities and research centres



<http://edocconf.org/>

### Keynotes

CoopIS Keynote Speaker

CoopIS/EDOC joint Keynote

EDOC Keynote Speakers