

CALL FOR PAPERS

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16th International Workshop on  
Enterprise & Organizational Simulation and Modelling (EOMAS)

June 03-04 2024, Limassol, Cyprus  
<https://eomas2024.fel.cvut.cz>

in conjunction with CAiSE 2024  
<https://cyprusconferences.org/caise2024/>

PUBLICATION

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All past papers of EOMAS were published in the Springer series of LNBIIP as a single dedicated volume or selected for the Journal Special Issues and indexed by WoS.

SUBMISSION

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<https://easychair.org/my/conference?conf=caise2024>

Please choose the Enterprise & Organizational Simulation and Modelling (EOMAS) track.

IMPORTANT DATES

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Workshop Papers Submission Date: February 26, 2024  
Workshop Authors Notification: March 27, 2024  
Camera-Ready Papers: April 5, 2024

SCOPE

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The main focus of EOMAS is on the role, importance, and application of modeling and simulation within the extended organizational and enterprise context. This context implies that systems and software applications are designed to enable certain business processes, and to facilitate interaction of the actors, the system, and the environment. Thus, application of modeling and simulation in this extended context involves several number of socio-technical aspects (Information Systems (IS), Enterprise Information Systems (EIS), Software Systems, and Business Systems, Business Processes, Human Interaction, etc.), as well as technical challenges such as security, big data, and approaches to develop these artifacts such as Agile methods and frameworks etc.

SUGGESTED TOPICS

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- Enterprise Modeling and Simulation
  - Information Systems Modeling and Simulation

- Business Processes Modeling and Simulation
- Organizational Modeling and Simulation
- Ontological and Conceptual Modeling
- Domain-specific Modeling and Languages
- Business Rules and Constrain Modeling
- Modeling and Simulation Methods, Techniques, and Tools
- Modeling and Simulation Tools Demonstration
- Modeling and Simulation Guidelines for Practitioners
- Case Studies on Modeling and Simulation
- Simulations for Model Verification and implementations of Simulation Models
- Requirements Modeling and Simulation
- Usage of graph and network models and other new concepts
- Declarative methods for creating models and applications
- Model-Driven Engineering and transformation between different types of models, for example: ontological, conceptual, process, business, relational, network, implementational, etc
- New theories in modeling. New types of models. Combinations of different types of diagrams and their mutual interrelationships
- Educational Methods in Enterprise Modeling and Simulation. How they are taught in different universities. Inverted curriculum concept of teaching of software engineering
- Human and Cognitive Aspects of Modeling
- The use of AI (e.g. language models like Chat GPT) in software engineering and modeling and how to use these new ideas and tools
- Modeling and simulation applied to support Agile methods and frameworks
- Information modeling as a support for Digital Twins
- Usage of information modeling and simulation in new areas and their application in fields other than software engineering or informational technologies

⇒ It is possible to accept articles that do not directly fit above topics if judged attractive. We support new and not yet popular ideas - because we want to be a platform or incubator and motivate the professional public, our colleagues and doctoral students. But we will only take such papers if there is some innovation in the text. ←

#### PAPER FORMATS

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- Standard papers: max. 15 pages long presenting mature research results
- Short papers: max. 8 pages long presenting preliminary research results and case studies
- Flash talks (5-10 mins) "Show us your project"

Authors may indicate to submit their papers into one of the categories by themselves or chairs may decide based on the reviews to accept a standard paper as a short paper or a flash talk.

Both standard and short papers will be published in the Springer volume proceedings and indexed.

Papers should be submitted in PDF format. Submissions must conform to Springer, LNCS format and should not exceed 15 pages, including all text, figures, references, and appendices. Submissions not conforming to the LNCS format, exceeding 15 pages, or being obviously out of the scope of the workshop, will be rejected without review. See the guidelines here:

<https://www.springer.com/comp/lncs/authors.html>

SPONSORS

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- Czech Technical University in Prague, Faculty of Electrical Engineering  
<https://fel.cvut.cz>
- CAiSE 2024 <https://cyprusconferences.org/caise2024>
- Institute of Engineering and Management <https://www.InstituteEngMgt.com>

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For more information visit: <http://eomas2024.fel.cvut.cz>

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