



## CALL FOR PAPERS

# THE 33RD INTERNATIONAL CONFERENCE ON INFORMATION SYSTEMS DEVELOPMENT (ISD 2025)

**Empowering the Interdisciplinary Role of  
ISD in Addressing Contemporary Issues in  
Digital Transformation: How Data Science  
and Generative AI Contributes to ISD?**



September 3 - 5, 2025

Belgrade, Serbia

University of Belgrade - FON

<https://isd2025.fon.bg.ac.rs/>

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University of Belgrade*

## Overview

Welcome to the 33rd International Conference on Information Systems Development (ISD 2025). ISD is an internationally leading venue in the realm of information systems (ISs). Since its inception in 1988, it has served as a platform where researchers, practitioners, and educators convene to share experiences on the latest innovations, trends, experiences, and challenges in the field of ISs. The theme of ISD 2025 is: Empowering the Interdisciplinary Role of ISD in Addressing Contemporary Issues in Digital Transformation: How Data Science and Generative AI Contributes to ISD?

Nowadays we face significant challenges in how to address open questions and real potential for various applications of modern ISD approaches to develop and implement effective software and intelligent services in support of information management and digital transformation. We intend to address interdisciplinary character of a set of theories, methodologies, processes, architectures, and technologies in a wide spectrum of ISD disciplines, as well as applications in various problem domains.

Recent advancements in the AI ecosystem have given rise to powerful large language models (LLMs), fundamentally reshaping the software profession by reducing the technical expertise required for excellence. Generative AI have streamlined the software process by providing valuable assistance across all life cycle activities. The conference aims to explore crucial aspects of the evolving landscape, including unification of system and software engineering, integrating data science and generative AI into the software process, and examining the ethical, legal, and workforce implications of AI and data science in various domains.

**Important: ISD invites original papers. All the submissions will be checked on plagiarism and AI writing.**

## Conference Tracks

- T1: Managing IS Development and Operations
- T2: Information Systems Modelling
- T3: Lean and Agile Software Development
- T4: Data Science and Machine Learning
- T5: Digital Transformation
- T6: Learning, Education, and Training
- T7: New Topics in IS Development
- T8: Business Models and IS for Smart Environments

## Keynote Speakers

- Mirjana Ivanović, University of Novi Sad, Serbia
- Jelena Zdravković, Stockholm University, Sweden
- Hans-Georg Fill, University of Fribourg, Switzerland

## Important Dates

|  |               |
|--|---------------|
| Paper Submission                               | May 1, 2025   |
| Author Notification                            | June 16, 2025 |
| Final Paper Submission and Author Registration | June 30, 2025 |

## Conference fees

The registration fee for presenting authors is 600 EUR, 500 EUR for active AIS members, and 400 EUR for students. Discounts apply for additional papers and non-presenting participants. The registration fee includes lunches, coffee breaks, welcome reception, and a gala dinner with a sightseeing tour.

## Publication

The ISD Proceedings will be available as **open access** in the Association for Information Systems (AIS) eLibrary. On top of that, Springer will publish a selection of the best papers (by invitation) as a separate volume of the Lecture Notes in Information Systems and Organization (LNISO) series. The proceedings will be submitted for indexation by Scopus, Google Scholar, DBLP, Semantic Scholar, and Web of Science / Conference Proceedings Citation Index.

