Middlesex University London

The 10th International Conference on the

DYNAMICS OF INFORMATION SYSTEMS

DIS 2027

May 30 – June 3, 2027

London, UK



CALL FOR PAPERS

The 10th International Conference on the **Dynamics of Information Systems** (DIS 2027) will be held as a physical conference on **May 30 – June 3, 2027, in London, UK.**

Scope

The DIS conference series brings together researchers and practitioners to explore emerging connections between information science, optimization, operations research, machine learning, and artificial intelligence.

DIS 2027 welcomes theoretical advances, innovative algorithms, and real-world applications across these fields. The conference fosters interdisciplinary exchange and new perspectives on the dynamics of information systems.

Topics of Interest

DIS 2027 welcomes high-quality submissions on the broad topics of information science, optimization, operations research, machine learning, artificial intelligence, their real-life applications, and their interactions. More specific submission topics for both longer and shorter papers may include, but are not limited to:

- Information science
- Uncertainty modeling
- Optimization (theory, methods, and applications)
- Economics
- Operations research & management science
- Machine learning
- Data science & big data
- Quantum information
- Dynamical systems and control
- Information geometry for machine learning
- Optimization with information constraints
- Value of information
- Entropic regularization and optimal transport
- Information and Wasserstein gradient flows
- Applications in robotics, economics, energy, environmental sciences, and other areas

Publications

The conference proceedings will be published by **Springer-Verlag** in the series **Lecture Notes in Computer Science (LNCS).**

General Chairs

- **Roman Belavkin**, Middlesex University, UK
- **Hossein Moosaei**, Jan Evangelista Purkyně University, Czech Republic
- **Panos M. Pardalos**, University of Florida, USA
- **Jose C. Principe**, University of Florida, USA

For more information, please visit: **https://dis.ujep.cz**

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