



## Call for Tutorials

18<sup>th</sup>. International Conference on Research Challenges in Information Science – **RCIS 2024**  
May 14-17, 2024  
Guimarães, Portugal  
<https://www.rcis-conf.com/rcis2024/index.php>

The 18<sup>th</sup>. International Conference on Research Challenges in Information Science (RCIS 2024) will be held in Guimarães, Portugal, 14-17 May. The theme of this edition of RCIS is “**Information Science: Evolution or Revolution?**”

Tutorials are intended to provide independent instruction (know-how) on a topic of relevance for the RCIS community, which includes seasoned practitioners, specialized researchers, and novice graduate students.

Tutorials are organised in sessions of 90 minutes with a free format and will run in parallel with other conference tracks. Participation in the tutorials is included in the attendees’ conference fee. The conference proceedings will publish a two-page summary of the tutorial.

We welcome tutorial proposals addressing, but not limited to, the following topics.

## Topics of Interest

### Information Systems and their Engineering User-Oriented Approaches

- Requirements Engineering
- Model-Driven Engineering
- Web-Based Applications and Services
- Data-Driven (R)evolution
- Method Engineering
- Social Computing and Social Network Analysis
- User-Centred Design
- Collaborative Computing
- Human Factors in Information Systems

### Data and Information Management

- Databases and Information
- Information Search and Discovery
- Information Security and Risk Management
- Conceptual Modelling and Ontologies
- Knowledge Graphs

### Domain-specific IS Engineering

- E-Health, E-Government, and E-Commerce
- Smart Cities
- Industry 4.0
- News and Media Production
- Digital Humanities
- Virtual Worlds

### Information Infrastructures

- Information Systems for an Information Science Revolution
- Cyber-Physical Systems
- Web Information Systems
- Grid, Cloud, Fog, and Edge Computing
- Internet of Things
- Pervasive and Mobile Computing
- Quantum Computing

### Enterprise Management and Engineering

- Business Process Engineering and Management
- Process Mining
- Enterprise Modelling
- Digital Transformation

### Data Science

- Big Data and Business Analytics
- Decision Information Systems
- Machine-Learning Applications
- Knowledge Discovery and Management
- Information and Value Management
- Misinformation and Fake News

### Reflective Research and Practice

- Responsible Research in and for an Information Science Revolution
- Impact of Information on the Enterprise and the Individual
- Information Science Education
- Research Methodologies in Information Science
- Lifecycle Models
- Design Science and Rationale
- Action Research and Case Studies in Information Science

## Instructions for Tutorial Proposals

### *Submission guidelines*

Tutorial proposals are limited to 5 pages. They must include the following elements:

- Title.
- 150-word abstract.
- The expected background of the attendees.
- Learning objectives of the tutorial.
- Structure of contents or activities, with a description of how these support the learning objectives, and teaching methods used. Please also include a timetable indicating how the interaction with the audience will develop during the tutorial.
- Support materials. A concise description of the tutorial material(s), particularly (i) materials you would like to share prior to the conference, (ii) special requirements or equipment for the

delivery of the tutorial (subject to organisers' approval), (iii) materials to be provided to attendees during the tutorial.

- Added value of the tutorial for the attendees.
- A short bio of the presenter(s).
- A history of the tutorial. Whether this tutorial (or any derived version of it) has already been delivered in other conferences. If so, detail where and when, and how it was received. Proven track record has to be balanced with the innovative aspect of the tutorial.

Proposals must be submitted using the conference submission site (<https://easychair.org/conferences/?conf=rcis2024>), track "RCIS 2024 Tutorials".

#### *Teaching and learning guidelines*

- Creative techniques for teaching and learning. Any teaching approach that ensures active interaction would be greatly appreciated by the RCIS audience. We encourage you to craft a tutorial that can deliver high quality content in an enjoyable way.
- Printed or online take away material for attendees. For example, templates, checklists, frameworks, etc. that attendees can employ in their own working environments.
- A short 1-2 minutes video (optional) of the speakers, or a few example slides; a teaser for the tutorial.

Please note that all RCIS 2024 tutorials will be taught in person.

## Publication

The authors of accepted tutorials will be asked to submit a 2-page summary of the tutorial using the Springer [LNCS/LNBIP conference proceedings template](#).

## Tutorial Evaluation Criteria

The evaluation criteria include (i) the quality of the proposal, (ii) the tutorial's benefit for the participants, (iii) the tutorial's fit within the program as a whole, and (iv) the qualification and experience of the presenters.

## Compensation

A free registration for the conference will be offered to the main presenter (i.e., to one speaker), unless they are the only paying author of a paper presented at the conference.

### Important Dates

Tutorial submission deadline	February 23, 2024
Tutorial notification	March 11, 2024
Camera-ready version of the tutorial summary	March 20, 2024
Conference	May 14-17, 2024

## Tutorial Chairs

Ana Moreira, Universidade NOVA de Lisboa, Portugal

Renata Guizzardi, Twente University, The Netherlands