RCIS 2025 Research Projects Track: Preface

Isabel Sofia Brito[1,3,*] and Irina Rychkova[2]

[1] *Polytechnic Institute Beja, Beja, Portugal*

[2] *Université Paris 1 - Panthéon - Sorbonne, Paris, France*

[3] *Center of Technology and Systems (UNINOVA-CTS) and Associated Lab of Intelligent Systems (LASI). Caparica, Portugal1*

Preface

The RCIS "Research Projects" track provides a platform for researchers to showcase their ongoing or completed projects relevant to the broad field of Information Science (IS). This year, we received eight submissions. Each submission received at least two reviews from the appointed experts in our program committee. The authors have been provided with detailed feedback, emphasizing the strong sides of their proposals and suggesting new developments or improvements when relevant. Six research projects have been selected for presentation at the conference. They include the following:

The work of Gusts Linkevics, Lauma Jokste, and Rasa Gulbe introduces DigiTDevOps, an open, modular platform designed to facilitate the management of the full lifecycle for urban-oriented Digital Twins. The platform addresses issues like fragmented data and a lack of standardization through a structured DT data ecosystem.

Aaron Conrardy, Armen Sulejmani, Cindy Guerlain, Daniele Pagani, David Hick, Matteo Satta, and Jordi Cabot present the Climaborough project that supports European cities to achieve carbon neutrality. The platform aggregates historic and real-time data to display user-friendly dashboards, enabling non-technical experts to evaluate initiatives and assess their scalability.

Oksana Nikiforova, Jānis Grabis, Oscar Pastor, Kristaps Babris, Megija Krista Miḷūne, and Rihards Bobkovs propose an approach grounded on the established model-driven engineering (MDE) principles and AI algorithms to automate the generation of IT Project Management Plan and Scope Statement templates.

The project SUSTRA, presented by Oscar Díaz, Xavier Franch, and Xabier Garmendia, tackles the accumulation and evolution of design knowledge in research software (RS), focusing on transferability as a forward-looking complement to reproducibility. The authors introduce a structural model for RS transferability and an associated model for assessing collaboration via bylines.

The project presented by Cristabel Evelia Alvarado Pérez, Joan Antoni Pastor Collado, and Eulàlia García Franquesa addresses the complexities of implementing digital strategies within institutions, with their constraints and evolving contexts. The authors illustrate their proposal by providing interesting insights on digital transformation challenges in history museums.

Ana León, José F. Reyes Román, and Oscar Pastor present the BETTER project for a decentralized privacy preservation infrastructure for secure, cross-border sharing and analysis of health data using the Personal Health Train (PHT) model. The project aims to overcome legal, ethical, and privacy barriers to sharing health data.

During the conference, the projects will be presented in the form of short pitches. The pitches will be followed by a poster session where each project will be challenged by an open discussion.

Program Committee:

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Acknowledgements