

Call for Workshop Papers

3rd International Workshop on Digital JUSTice, digital law and conceptual MODELing (JUSMOD 2024)

<https://jusmod2024.github.io/>

Pittsburgh, Pennsylvania

28-31 October 2024

To be held in conjunction with the 43rd International Conference on Conceptual Modeling, ER 2024

<http://ER2024.org>

Workshop Description:

Law plays a crucial role in almost every aspect of our public and private lives. Thousands of legal documents are constantly produced by institutional bodies, such as Parliaments and Courts, which constitute a prominent source of information and knowledge for judges, lawyers, and other professionals involved in legal decision-making. To cope with the growing volume, complexity, and articulation of legal documents as well as to foster digital justice and digital law, increasing effort is being devoted to digital transformation processes in the legal domain.

Conceptual Modeling (CM) plays a crucial role in this scenario to formalize entities, their features, and their relations. Also, conceptual modelling joined with well-founded ontologies has been used to harmonize different terminologies used in legal documents as well as to promote the development and the adoption of shared vocabularies and open linked data in legislation, case law, and other relevant legal information. Furthermore, advanced functionalities for legal data and process modeling and management are advocated, embracing modern technologies like the Semantic Web, NLP, and AI, to enable semantic text search and exploration, legal knowledge extraction and formalization, legal decision-making, and legal analytics.

This workshop aims to constitute a meeting venue for a variety of researchers involved in digital justice and digital law, originating a rich community crossing different disciplines besides computer science, such as law, legal informatics, management, economics, and social sciences. The workshop will provide an opportunity to share, discuss, and identify new approaches and solutions for modeling, analysis, formalization, and interpretation of legal data and related processes.

Topics of interest include, but are not limited to:

In this edition of JUSMOD, we'll be discussing the topics of computing and law, taking into account the conference theme Conceptual Modeling, AI and Beyond. Also, new topics were added to this edition. In addition to those we have debated in recent editions, we have also included topics related to conceptual modeling in fields such as climate change and transformation, environmental justice, and governance of urban systems, among others. Topics of interest include (but are not limited to):

- Digital transformation, digital justice, digital law
- Process, data, and knowledge modeling for digital justice
- Argumentation-based modeling
- Modeling and law version control: normative systems, judicial decisions, contracts
- Legal ontologies: design, reuse, applications, experiences
- Linked data and knowledge graphs in the legal domain
- Thesauri, shared vocabularies, and taxonomies in the legal domain
- Quality of legal data modeling
- Visual law, legal design, and correlated themes
- Legal text analysis and interpretation
- Multilingual legal information management
- Harmonization of law
- Legal document annotation
- Legal knowledge extraction
- Semantic search and retrieval of legal data
- Ethics in legal data processing
- Legal analytics
- Dispute Resolution models
- Urban Law and Policy - conceptual modeling, taxonomies, digitalization, machine learning
- Environmental justice modeling
- Digital justice in urban and transport planning

Important Dates

Abstract Submission (Optional) **13 July 2024**

Paper Submission **27 July 2024**

Paper Notification **11 August 2024**

Camera-Ready Version **30 August 2024**

Conference **28-31 October 2024**

Workshop Organizers:

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- Jaromir Savelka, Carnegie Mellon University, USA
- Giovanni Sileno, University of Amsterdam, The Netherlands
- Andrea Tagarelli, Università della Calabria, Italy

Submission Guidelines

Submit papers via **EasyChair for ER 2024** to the “JUSMOD Workshop Papers” Track.

Since the proceedings will be published by Springer in the LNCS series, authors must submit manuscripts using the **LNCS** style or **Overleaf**. Papers will be judged on contribution, literature basis, novelty, clarity, relevance, and rigor. The review process is double-blind. Submissions must be anonymized.

The paper submission formats are:

- Regular paper (max 16 pages, excluding references): research papers describing a completed study, including negative results and early exploratory efforts.
- Short paper (max 8 pages, excluding references): position, vision, and lesson-learned papers about planned/in-progress study, including presentations of preliminary results.

Accepted papers are expected to be presented at the conference, and at least one author must register for the workshop.

For further information, the authors may contact the workshop organizers at
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