



# 19th International Conference on Artificial Intelligence and Law - ICAIL 2023

19th-23rd June 2023

Conference Venue:

University of Minho , Law School, Campus de Gualtar (Building 17), Braga, Portugal

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INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE AND LAW

19<sup>th</sup> – 23<sup>rd</sup> JUNE 2023



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## ICAIL 2023 Workshops:

### June 19 Workshops

- [Competition on Legal Information Extraction/Entailment \(COLIEE 2023\)](#)
- [Artificial Intelligence for Access to Justice – AI4AJ23](#)
- [Third International Workshop for AI and Intelligent Assistance for Legal Professionals in the Digital Workplace \(LegalAIIA 2023\)](#)
- [Online Dispute Resolution and E-Justice \(ODR & E-Justice\)](#)
- [Artificial Intelligence Regulation \(AIR 2023\)](#)
- [Method for Evaluating Legal Technologies \(MELT\)](#)
- [Computable Contracts in Theory and Practice](#)

### June 23 Workshops

- [2nd Workshop on Bias, Ethics and Fairness in Artificial Intelligence in conjunction with 1st Workshop on Ethics, Morality, and Artificial Intelligence and Workshop on Logic Representation of Traffic Rules \(BEFAIR<sup>2</sup>+EMAI 2023 + LoReTra 2023\)](#)
- [Automated Semantic Analysis of Information in Legal Text \(ASAIL 2023\)](#)
- [Computational Analysis of Apex Courts \(CAOAC 2023\)](#)
- [Electronic Discovery](#)
- [AI for Legislation \(AI4Legs 2023\)](#)
- [Digital Education for Legal Professions \(ICT & Legal Education 2023\)](#)

## Competition on Legal Information Extraction/Entailment (COLIEE 2023)

### Scope

The objective of the Competition on Legal Information Extraction/Entailment (COLIEE) is to build a research community and establish the state of the art for information retrieval and entailment using legal texts.

Website:<https://sites.ualberta.ca/~rabelo/COLIEE2023/>

## Artificial Intelligence for Access to Justice – AI4AJ23

### Scope

This workshop will be a forum for exchanging research, policy, and pragmatic issues regarding the use of Artificial Intelligence to improve access to justice. Participation is invited by attorneys, computer scientists, legal aid workers, and social scientists. The program will include research papers, demos, panel discussions, and invited speakers.

Website:<https://tinyurl.com/AI4AJ23>

## Third International Workshop for AI and Intelligent Assistance for Legal Professionals in the Digital Workplace (LegalAIIA 2023)

### Scope

The goal of this workshop is to accelerate the science and high-quality research focusing on the design, development, and validation of AI and IA tools in the legal domain, including legal services and related legal tasks. Distinct research works exploring topics ranging from Large Language Models and ChatGPT use cases to more traditional Legal AI-related applications are encouraged for submission to this workshop. The event will consist of keynote speakers, panel discussions, paper presentations and breakout sessions including dedicated group work. It promises to be timely, compelling and engaging.

Website:<http://LegalAIIA.org>

## Online Dispute Resolution and E-Justice (ODR & E-Justice)

### Scope

The purpose of the workshop is to discuss the different layers of existing and potential ODR /e-justice systems to provide a broad theoretical, comparative and practical outlook on the subject. The existing diversity of the adopted approaches, methods and techniques and the experience gathered so far in connection with the developed tools and relevant legal regulation call for a more unified methodological perspective. The workshop is organised in the frame of the DG Justice supported project, titled "[E-justice ODR Scheme](#)". This project is led by the European University Institute and involves the institutions where the workshop co-organizers work. The purpose of the project is to develop an open, general and adaptable semi-specification of an ODR system using open digital mapping of standard e-justice ODR processes and standard or semi-standard digital tools (e.g. BPMN tools) to warrant a more standardised approach concerning the development of various ODR tools.

Website: <https://cjc.eui.eu/projects/odr-scheme/e-justice-odr-scheme-project-call-for-papers/>

## Artificial Intelligence Regulation (AIR 2023)

### Scope

The sudden popularity of AI systems due to the widespread use of generative AI has intensified the concerns about the risks of AI. A recent report by HAI (AI Index-2023) has pointed out both that the main innovations are now coming from the industry, not from the academy, that the incidents regarding AI has substantially increased and that, consequentially the initiative of regulation in several countries has increased significantly. There has been different approaches to the regulation of AI around two main models: a transversal one, in the lines of the proposed European AI Act, and a sectorial one, in the lines with the north-American regulation. Based on each approach, several institutional arrangements may be possible and are under debate within legislative initiatives in different countries: external regulation and enforcement by a central authority, external regulation by sectorial agencies, self-regulation based on sectorial codes of conduct, internal governance policies, hybrid models of regulated self-regulation. Some critics however have advanced the argument that any effort of detailed regulation is doomed to fail given the fast development of the technology and generative AI has been fueled this attitude as it would show that a segmented case use approach on AI, such as the categorization of risks proposed by the AI Act and other bills is already outdated.

Website: <https://lawgorithm.com.br/air-2023/>

## Method for Evaluating Legal Technologies (MELT)

### Scope

The impact of Artificial Intelligence on law is underexplored. In this tutorial, participants will employ the method set out in the COHUBICOL Typology of Legal Technologies to reveal the wider impacts of AI technologies on law and legal protection, and to generate insights relevant to their design and deployment. The tutorial is built around a novel, systematic, and cross-disciplinary method that is sensitive to the unique nature of the legal domain. Its message will be crucially important to legal tech developers and providers who are interested in the responsible design and deployment of their products.

Website:<https://publications.cohubicol.com/typology/teaching-and-training/tutorial/>

## Computable Contracts in Theory and Practice

### Scope

Recent research and application have increased our understanding of how to represent contracts in code but have also raised new questions. This workshop is jointly organized by the Centre for Computational Law at Singapore Management University and by CodeX, the Stanford Center for Legal Informatics. It will explore these developments, mixing presentations by scholars and practitioners with extensive opportunities for discussion and for hands-on participation.

Website:<https://conferences.law.stanford.edu/computable-contracts-in-theory-and-practice/>

## 2nd Workshop on Bias, Ethics and Fairness in Artificial Intelligence in conjunction with 1st Workshop on Ethics, Morality, and Artificial Intelligence and Workshop on Logic Representation of Traffic Rules (BEFAIR<sup>2</sup>+EMAI 2023 + LoReTra 2023)

### Scope

The workshop aims at exploring challenges in representation of and reasoning with legal and ethical norms. Such a topic includes the general discussion of methods, models, and ideas concerning the research on implementing moral and ethical principles into AI-driven tools, the discussion of bias, ethics and fairness in AI, as well as more concrete exploration of various challenges connected with the task of using formal languages and models to represent legal norms, at the example of traffic rules, in a machine-readable manner, and reasoning with such formalizations, e.g., in autonomous driving.

Website:<https://befair2.org> and <https://www.rechtsinformatik.saarland/en/lorettra-icail-23>

## Automated Semantic Analysis of Information in Legal Text (ASAIL 2023)

### Scope

Researchers have long been developing tools to aggregate, synthesise, structure, summarise, and reason about legal norms and arguments in texts. Current dramatic advances in natural language processing, text and argument mining, information extraction, and automated question answering are changing how automatic semantic analysis of legal rules and arguments will be performed in the future. In particular, the recent breakthrough in natural language processing brought about by neural network models, including transfer learning using complex language models, has created immense new potential for leveraging legal text for technology supporting legal practice, research, argumentation, and decision making. At the same time, increasing awareness of the mandate of ethical use of AI is fuelling a debate about the requirements of such systems and motivates important exploratory work on explainable and justifiable AI that is particularly crucial for the legal domain. The ASAIL workshop provides a forum for the proliferation of exciting ideas that advance the field of semantic analysis of legal texts.

Website:<https://sites.google.com/view/asail/asail-home>

## Computational Analysis of Apex Courts (CAOAC 2023)

### Scope

Scholars from law, computer science and political science are increasingly using novel computational analyses such as natural language processing, machine learning and network analysis to investigate the case law of national and international apex courts. This workshop aims to take stock of these efforts, present new research and identify common best practices.

Website:<https://sites.google.com/view/caoac-23/home>

## Electronic Discovery

### Scope

Processes regarding the challenges encountered in conducting and assessing the quality of search and review processes as used for document production in electronic discovery, starting from the fact that there is no objective property called "relevance" and extending to the misunderstanding and misapplication of statistical techniques used for validation of search and review processes by lawyers. The need of new procedural rules in Court will also be considered.

### Programme:

- Marina Silva - "The electronic discovery of evidence: comparative review"
- Olga Craveiro – "Digital means for obtaining evidence of crime in cyberspace"
- Joaquim Macedo - "Jurisprudence with Information Retrieval"
- Nuno Sordoua dos Santos: "A.I.: Do we really need it for investigating organized crime?"
- Andrew Harbison "EU perspective on Electronic Discovery as an industry person"
- Maura Grossmann and Gordon V. Cormack – "Trials and Tribulations of conducting and evaluating a massive document review: common errors, best practices and lessons learned"
- Xulio Ferreiro Baamonde: "Control of legality of evidence obtained by Artificial Intelligence"

Click [here](#) to see more details of the workshop.

## AI for Legislation (AI4Legs 2023)

### Scope

Can the Law be written by GPT-3? Can the members of the parliament use ChatGPT for improving their knowledge of the society needs? Can the Law be converted into programming code using AI/ML and logic formulae without losing legal theory principles, legal linguistic expressivity, and Constitutional principles? Can the digital format of Law be equally valid and considered a legitimate Legal Source, and under which conditions? Which principles are necessary in order to not compress the Rule of Law and Democratic principles? How to improve the legislative process using AI/ML for better regulation? This workshop would like to discuss these challenging questions with interdisciplinary instruments using different perspectives. We intend also to discuss the state of the art of the most advanced applications of AI in support of the better regulation, law-making system, aims to find answers to these questions using.

Website: <https://site.unibo.it/hypermodelex/en/agenda/ai4legs-2023>

## Digital Education for Legal Professions (ICT & Legal Education 2023)

### Scope

The developments on ICT bring not only needs for legal practitioners to encompass the subjects of the new Law of ICT but also brings along a need to rethink the legal education according to the developments in the way legal professions are going to be exercised. There has to be a special focus on the new skills needed by lawyers in the Information Society and, consequently, on the need to redesign the teaching of law to meet the new needs of the legal professions and the new demands of both professional societies and clients. The model followed is one of invited talks.

Click [here](#) to see more details of the workshop.

## Latest news:

### 5th June 2023

Regular registration deadline extended to June 9.

### 12th May 2023:

Programme Page updated.

### 2nd May 2023:

Registration Page updated.

### 27th April 2023:

Accepted Papers Page updated.

### 17th April 2023:

Added Visa Requirements information to the Venue and Getting to ICAIL'2023 page.

### 14th April 2023:

Doctoral Consortium Submission Deadline extended.

### 12th April 2023:

Sponsors Page updated.

### 7th March 2023:

Registration Page updated.

### 22nd February 2023:

Speakers Info Page updated.

### 21st February 2023:

Workshops Page updated.

### 3rd January 2023:

Submission Deadline extended.

### 1st August 2022:

ICAIL'2023 Conference Web site was launched.

Law School, with JUSGOV

Centro Algoritimi and LASI

University of Minho

Braga, Portugal