



CALL FOR PAPERS

I-LEX - A Journal of Law, Cognitive Science
and Artificial Intelligence

Dear Colleagues,

The *i-lex – Journal of Law, Cognitive Science and Artificial Intelligence* invites scholars from all areas of law, computing and philosophy to contribute to the second issue of the journal's 14th volume, which will be published online in the first half of 2022.

Possible topics for the *call for papers* include:

- Computational models of legal reasoning and decision making; judgmental reasoning, adversarial reasoning, case-based reasoning, deontic reasoning, and normative reasoning.
- Formal representation of legal knowledge: deontic notions, normative modalities, rights, factors, values, rules.
- Jurisprudential theories of legal reasoning.
- Psychological and linguistic studies concerning legal reasoning.
- AI and law support for legislative drafting, judicial decision-making, and public administration.
- Intelligent processing of legal documents and legal analytics; conceptual retrieval of cases and statutes, automatic text understanding, intelligent document assembly systems, hypertext, and semantic markup of legal documents.
- Intelligent processing of legal information on the World Wide Web, legal ontologies, automated intelligent legal agents, electronic legal institutions, computational models of legal texts.
- Evaluation and auditing techniques for legal AI systems, including methods for *explainable AI* (XAI).
- Systemic problems in the construction and delivery of legal AI systems.
- Impact of AI and robotics on the law and legal concepts.
- Ethical issues concerning legal AI systems and robots.
- Regulatory approaches to Artificial Intelligence and robotics.

Articles can be written both in English and in Italian. We are looking for research articles, research reports, and book reviews. Articles should preferably be of a length between 20.000 and 50.000 characters (excluding spaces, footnotes included). All submissions will be subject to a *blind peer review* process.

Deadline for submission: 1 June 2022.

Please draft your contributions using the template available for download at: <http://www.i-lex.it/index.php/templates-it>

Please send contributions to: info@i-lex.it

Further information can be found on the homepage of the magazine: <http://www.i-lex.it>

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