Proceedings of the Third International Workshop on AI and Intelligent Assistance for Legal Professionals in the Digital Workplace

LegalAIIA 2023

Preface

The Third International Workshop on AI and Intelligent Assistance for Legal Professionals in the Digital Workplace (LegalAIIA 2023) will be held online on June 19, 2023, in conjunction with the 19th International Conference on Artificial Intelligence and Law (ICAIL 2023).

The workshop will provide a venue for these issues in the form of a number of accepted ideation, application, and research papers, as well as an industry panel, and two keynote speakers (one from the perspective of AI, the other from the perspective of IA (Intelligent Assistance). Many of the artifacts of the workshop are contained in this volume published by CEUR-WS (see below for additional publication information).

Session 1: Morning Introduction & Keynote Address
9:00 – Welcome and goals: Jack Conrad, Dan Linna
   Accompanied by other organizers attending in-person: Jason Baron, Hans Henseler

9:05 – Opening Keynote: **Introduction: Jack Conrad**
   Dr. Kris Hammond (Northwestern University)
    "Law, Language, and AI: Integrating Fluency and Truth"
9:50 – Q&A Session led by Jack Conrad

Session 2: Research Paper on Legal Summarization (Chair: Jack Conrad)
10:00 – How Ready are Pre-trained Abstractive Models and LLMs for Legal Case Judgement
   Summarization?
   Aniket Deroy, *Kripabandhu Ghosh*, *Saptarshi Ghosh*

10:30 – 11:00 Coffee Break

Session3: Research & Application Papers on Large Language Model and ChatGPT Applications (Chair: Hans Henseler)

11:00 – Applying Large Language Models for Enhancing Contract Drafting
   Kwok-Yan Lam, Victor C.W. Cheng, Zee Kin Yeong
11:20 – From Knowledge Management to Intelligence Engineering - An Approach to Building AI in the
   Law Firm Using Open-source Large Language Models
   Uwais Iqbal
11:40 – Gracenote.ai: Legal Generative AI for Regulatory Compliance
   Jules Ioannidis, *Joshua Harper*, *Ming Sheng Quah*, *Dan Hunter*
12:10 – ChatGPT as a Copilot for Investigating Digital Evidence
   Hans Henseler, *Harm van Beek*

12:40 – Rethinking Decisions under Article 22 of the GDPR: Implications for Semi-Automated Legal Decision-Making
Peter Alexander Earls Davis, *Sebastian Felix Schwemer*

13:00 – 14:00 Lunch

Session 4: Keynote Address

14:00 – Afternoon Keynote: **Introduction: Dan Linna**
Dr. Frank Schilder (Thomson Reuters)
"Legal Expertise Meets Artificial Intelligence: A Critical Analysis of Large Language Models as Intelligent Assistance Technology"
 14:50 – Q&A Session led by Dan Linna

Session 5: Research Paper on Using Generative AI for FOIA Exemption Detection (Chair: J. Conrad)

15:00 – Using ChatGPT for the FOIA Exemption 5 Deliberative Process Privilege
Jason R. Baron, *Nathaniel W. Rollings*, *Douglas W. Oard*

15:30 – 16:00 Coffee Break

Session 6: Ideation & Application Papers on Additional AI and IA Topics (Chair: Jason Baron)

16:00 – Strengthening the AI Operating Environment: Distributed Competence as a Means to Risk Mitigation
Bruce Hedin, *Samuel Curtis*
16:20 – Some Practical Analyses of the Judgment Documents of Labor Litigations for Social Conflicts and Similar Cases
Chao-Lin Liu, Yi-Fan Liu

Session 7: Panel of Experts

16:45 – 17:30 – Panel Topic: The Future of AI & Law and the Impact of Generative AI

Moderator:
- Jack Conrad (Thomson Reuters)

Panelists:
- *Pablo Arredondo* (Casetext)
- *Uwais Iqbal* (Simplexico)
- *Megan Ma* (Stanford Law & CodeX)
- *Laura Skylaki* (Thomson Reuters)

Topics: See below

17:30 – 17:45 – Audience Q&A

17:45 – Closing Remarks, Announcements, Action Items

18:00 – END

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19:00 – Conference Welcome Reception
- University of Minho Rectory Garden, Largo do Paço, 4704-553 Braga

Additional details on the program:

Topic of Panel Session
- Hype about Generative AI and Intelligence Augmentation shows no sign of slowing. Abundant examples illustrate how these technologies are transforming industries. What about the legal industry? While Generative AI is revolutionizing the field, will this capability transform other aspects of legal services? This panel brings together industry experts to discuss how legal services organizations are making the most of data analytics, Artificial Intelligence, and Intelligent Assistance. Our panelists will discuss bridging the gap between strategy and implementing these technologies, the need for interdisciplinary teams, high-impact tools today, the challenges, and where they see these state-of-the-art technologies having the greatest impact in the near-term and in the long-term.
- Session Description: This panel discussion will be 45 minutes long, followed by 15 minutes of Q&A. This panel session begins with the moderator introducing the speakers followed by each of our four speakers giving a 2-minute overview of their current perspective into seminal areas of the Legal AI and IA field (10 minutes). Following these introductions, the panel moderator will pose to the various members, depending on their specializations, a series of formative questions which they will be given the opportunity to answer (35 minutes). We conclude the panel session with questions from audience (15 minutes).

Illustrative Questions
1. Given the rapid advancements in AI and its potential to automate certain legal tasks, what are the implications for the future of legal employment? How can we ensure a smooth transition for legal professionals while harnessing the benefits of AI?
2. In light of the biases and limitations present in training data, how can we mitigate the risks of algorithmic bias in legal decision-making processes when using LLMs? What steps can be taken to ensure fairness and equity?
3. How can LLMs contribute to the development of predictive analytics in legal contexts, such as case outcome prediction or legal risk assessment? What are the potential challenges and limitations in this area?
4. What are the privacy and data protection concerns associated with the use of LLMs in legal practice? How can we strike a balance between the need for data access and protection of individuals' privacy rights?
5. How can LLMs be used to enhance access to justice and bridge the justice gap? Are there any specific legal domains or regions where the impact of LLMs can be particularly significant?
6. How can we ensure the explainability and interpretability of LLM-based legal systems to gain stakeholders' trust and enable effective decision-making? What methods and techniques can be employed to make LLMs more transparent?

7. What are the potential regulatory and policy considerations surrounding the use of LLMs in the legal domain? How can policymakers and legal practitioners collaborate to establish appropriate guidelines and frameworks?
8. How can collaboration between legal professionals and AI experts be fostered to maximize the benefits of LLMs in the field of law? What are the best practices for interdisciplinary collaboration between the two domains?

The organizing committee would like to sincerely thank all authors for their submissions and participation in the workshop, the program committee for its all-important task of reviewing, the keynote speakers and panelists for their time and preparation, and the workshop attendees for their active participation.

LegalAIIA 2023 Organizing Committee
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