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

Session 3: 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


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
Session 8: Closing Remarks
17:45 – Closing Remarks, Announcements, Action Items

18:00 – END

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
Jack G. Conrad, Thomson Reuters (co-chair)
Daniel W. Linna, Jr., Northwestern University (co-chair)
Jason R. Baron, University of Maryland, College Park
Hans Henseler, University of Applied Sciences Leiden and Netherlands Forensics Institute
Paheli Bhattacharya, IIT – Kharagpur
Aileen Nielsen, ETH - Zurich
Jyothi Vinjumur, CBRE
Jeremy Pickens, Redgrave Data
Amanda Jones, Lighthouse

LegalAIIA 2023 Program Committee
Apoorv Agarwal, Relativity
Evangelos Kanoulas, Informatics Institute, University of Amsterdam
David Lewis, Redgrave Data
Douglas W. Oard, University of Maryland, College Park
Fabrizio Sebastiani, Italian National Research Council
Antigone Peyton, Ridgeline International
Amy Sellers, Cardinal Health
Gineke Wiggers, Leiden University
Adam Roegiest, Zuma
Eugene Yang, Johns Hopkins (post-doc)

These proceedings are published online by the LegalAIIA Organizing Committee as CEUR Workshop Proceedings
http://ceur-ws.org

Copyright © 2023 for the individual papers by the papers’ authors.
Copyright © 2023 for the volume as a collection by its editors.
This volume and its papers are published under the Creative Commons License Attribution 4.0 International (CC BY 4.0).

Proceedings volume compiled by:

Jack Conrad
Thomson Reuters
TR Labs – Research
610 Opperman Drive
St. Paul, MN 55123
USA