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Preventing disputes: preventive logic, law & technology

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Citation

Stathis, G. (2024, November 27). *Preventing disputes: preventive logic, law & technology*. *SIKS Dissertation Series*. Retrieved from <https://hdl.handle.net/1887/4169981>

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Curriculum Vitae



Georgios Stathis was born in Ioannina, Greece in 1995. He holds a Bachelor in Law from Tilburg University and a Master in Law from the University of Amsterdam. He has also attended various courses, including those from Harvard Law School, Y Combinator, and SaaS Academy. He started his PhD at Leiden Law School of Leiden University on November 1, 2017.

During his studies, Georgios completed many internships, chaired a student association and invested in the stock market. In 2015 he won an innovation award by HiiL. Since 2019 he has often been on the list of TNW's top digital young minds in the NL.

Professionally, Georgios has held three positions at TNO, the Netherlands Organisation for Applied Scientific Research, from 2020 to 2023. Prior to that, he worked at Leiden University between 2017 to 2019. Next to these activities, he founded a startup in 2017. When time permits, he serves as consultant or advisor for startup businesses.

Publications

While working towards this thesis, the following contributions were made.

- Stathis, G. (2018). The shock of legal tech: No one ignorant of technology should read this. *Legal Business World*, (7):54–59
- Stathis, G. (2021). A scarce personality. In *Meesterlijk: Liber amicorum ter gelegenheid van het emeritaat van prof. dr. Jaap van den Herik, hoogleraar Recht en Informatica te Leiden*, pages 85–87. Leiden University, E. M. Meijers Instituut
- Stathis, G., Biagioni, G., de Graaf, K. A., Trantas, A., and van den Herik, H. J. (2023a). The Value of Proactive Data for Intelligent Contracts. *World Conference on Smart Trends in Systems, Security and Sustainability (WorldS4), Intelligent Sustainable Systems, Springer Lecture Notes in Networks Systems (LNNS)*, 803:107–125
- Stathis, G., Biagioni, G., Trantas, A., van den Herik, H. J., and Custers, B. (2023b). A Visual Analysis of Hazardous Events in Contract Risk Management. *In the Proceedings of 12th International Conference on Data Science, Technology and Applications (DATA)*, 1:227–234
- Stathis, G., Trantas, A., Biagioni, G., and van den Herik, H. J. (2023c). Risk Visualisation for Trustworthy Intelligent Contracts. *In the Proceedings of the 21st International Industrial Simulation Conference (ISC), EUROSIS-ETI*, pages 53–57
- Stathis, G., Trantas, A., Biagioni, G., van den Herik, H. J., Custers, B., Daniele, L., and Katsigiannis, T. (2023d). Towards a Foundation for Intelligent Contracts. *In the Proceedings of the 15th International Conference on Agents and Artificial Intelligence (ICAART)*, 2:87–98
- Stathis, G., Trantas, A., Biagioni, G., de Graaf, K. A., Adriaanse, J. A. A., and van den Herik, H. J. (2024). Designing an Intelligent Contract with Communications and Risk Data. *Springer Nature Computer Science (SNCS): Recent Trends on Agents and Artificial Intelligence*, 5(709). <https://doi.org/10.1007/s42979-024-03021-x>

- Stathis, G. and van den Herik, H. J. (2024). Ethical & Preventive Legal Technology. *Springer AI and Ethics*. <https://doi.org/10.1007/s43681-023-00413-2>
- Stathis, G. (2024a). AI Programming of Mimetic Theory. In *Annual Conference on Violence and Religion on Artificial Intelligence 2021*. Bloomsbury Press. London, United Kingdom
- Stathis, G. (2024b). Explainable Large Language Models & iContracts. In *the Proceedings of the 16th International Conference on Agents and Artificial Intelligence (ICAART)*, 3:1378–1385
- van den Herik, H. J. and Stathis, G. (2024). How a Setback Stimulated AI in China. *Law and Artificial Intelligence, Huazhong University of Science and Technology Press (accepted)*

Acknowledgements

Finally, I would like to extend my heartfelt gratitude to everyone who contributed, both directly and indirectly, to the successful completion of my PhD journey. In particular, Gerard Meijer of Linklaters who envisioned a fruitful collaboration between Jaap and myself and connected the two of us. Moreover, I would like to thank my colleagues at Leiden University and TNO, especially the Onassis Ontology Team. The boards of the Faculty of Law and the Faculty of Science and their professors at Leiden University were particularly helpful as well as the management of TNO. Last but not least, I would like to thank my friends, family and partners. Whether your contribution came in the form of valuable advice, a relevant introduction, or any other kind of support, your influence has been immensely appreciated. No matter the degree of your involvement, I am deeply thankful for your time, insights, and encouragement throughout this challenging yet rewarding process.

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