

EXPLORE THE POTENTIAL OF  
USING ARTIFICIAL INTELLIGENCE  
IN THE PRACTICE OF LAW

# LAW AND ARTIFICIAL INTELLIGENCE

**Online Summer School**

**AUGUST 10 - 14, 2020**

Are you new to Artificial Intelligence in the legal domain and your seeking to equip yourself with an overview of AI and realistic insights into possibilities of applying AI in the practice of law, then this is the right course for you!



# Topics

Your online learning journey will take place from 10 to 14 August 2020. This one-week online course combines videos, case studies, real-life examples, discussions, quizzes and live interactive sessions to bring the key concepts to life. The content is divided into five key topics.

During the course you will engage in 5 live interactive online sessions. The self-paced learning part consists of short videos on the topic, literature, case studies, short assignments and quizzes. Mutual learning will take place during the live interactive online sessions and via the discussion board. After completion of assignments, reading materials, video's and actively attending the live webinars, you will receive a certificate of attendance from Maastricht University.

- **Introduction to Artificial Intelligence. Towards a basic understanding** - Monday 10 August 2020 13:00 - 15:00 CET
- **What technology is available? Examples of AI tools for legal practice** - Tuesday 11 August 2020 13:00 - 15:00 CET
- **Can lawyers and judges be replaced by technology? Introduction to natural language processing and machine learning** - Wednesday 12 August 2020 13:00 - 15:00 CET
- **Finding important case law with network analysis. Hands-on workshop** - Thursday 13 August 2020 13:00 - 15:00 CET
- **Ethics, biases, and fundamental rights** - Friday 14 August 2020 13:00 - 15:00 CET

# Teachers



Prof. Gijs van Dijck is an empirical legal scholar who specializes in tort law, insolvency law, and contract law. He uses empirical legal research methods and data sciences methods, network analysis in particular, to analyze legal issues.



Darian Meacham is Assistant Professor of Philosophy at Maastricht University, Principle Investigator for Ethics and Responsible Innovation at the BISS Institute, and Deputy Director for Responsible Research and Innovation at BrisSynBio, a BBSRC / EPSRC funded Synthetic Biology Research Centre at the University of Bristol. He studied at McGill University in Montreal (BA) and University of Leuven/KULeuven (MA, PhD).



Matthias van der Haegen is Assistant Professor at the Private Law Department of the Faculty of Law. A researcher at the Law and Tech Lab, he specializes in legal analytics and the judiciary, favouring an empirical approach to answer research questions. His PhD research was on the role of the Belgian supreme court (Hof van Cassatie/Cour de cassation), a topic in which he retains a profound (comparative) interest.



Dr. Yenisel Plasencia has a strong affinity with research and projects having a social impact. She delivers research results by making use of the current artificial intelligence (AI) applications machine learning and data science analysis. Sometimes additional tools are developed to do a deeper analysis and make results more transparent and interpretable for users.



Andreea Grigoriu is a Ph.D. candidate in Digital Legal Studies who joined the Law and Tech Lab, part of the Faculty of Law. She obtained her Msc in Artificial Intelligence at the Department of Data Science and Knowledge Engineering, Faculty of Science and Engineering, at Maastricht University.



Ous Haidar is Law and Data Science researcher at BISS. Ous focuses on a smart and efficient interaction between society and law using the tools of data science. He works on 'automated legislation management' where data science, algorithms and artificial intelligence (AI) are used to improve law practices.

# General Information

Registration deadline is **30 July 2020**

Registration Fee is **€ 1495** (VAT not applicable)

*For members of the Netherlands Bar Association (NOvA), you can request your credit points from the NOvA after successfully completing this course, knowing that Maastricht University, the provider of this course, is a recognized institute by the NOvA*

For more information and registration you can contact:  
Marion Hameleers, Programme Coordinator  
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# Brightlands Institute for Smart Society (BISS)

In a time of digitisation, BISS connects Maastricht University's academic knowledge and expertise in data science with societal needs. It has been set up by Maastricht University in close collaboration with the Province of Limburg and the pension fund APG, we are located on the Brightlands Smart Services Campus in Heerlen, the Netherlands. BISS aims to empower people and organisations through the socially responsible application of digital technologies. We have a strong focus on enhancing effective data-driven decision making and closely cooperate with all Maastricht University faculties.



We harness academic knowledge for socio-economic impact, and we translate complex thinking into simple acting. We are open to cooperation with start-ups, SMEs, corporations or governments. We want to apply everything we know to help make processes better, faster, and more human-centred. BISS operates at the intersection of the data science industry, Maastricht University and Brightlands - a position that allows us to make an impact in education, business and research.

## The Maastricht Law and Tech Lab

The Lab aims to produce cutting-edge research, to offer innovative education, and to build a creative community of researchers, teachers, students and practitioners at the intersections of law, technology, data science and knowledge engineering. Our digital society begs new questions about how innovative technologies interact with law and justice.



Disruptive technology is changing the way in which lawyers work and legal services are offered. The digital transformation of our society through data science has also brought about many different ethical, legal and social issues on privacy, cybersecurity and intellectual property. The Lab fosters research, education and events on these matters.