

Programme

3rd International Conference on Decision Making in
Medicine and Law: Opportunities and pitfalls of information
technologies
(DMM&L 2025)

Thursday December 11, 2025

Main hall

Thu 09:00 Registration

Thu 09:30 Welcome

Giovanna Parmigiani

Department of Law, University of Modena and Reggio
Emilia, Italy

Gerben Meynen

Willem Pompe Institute for Criminal Law and Criminology,
Utrecht University, Netherlands
Faculty of Humanities, Moral and Political Philosophy, Vrije
University, Amsterdam, Netherlands

Toni Mancini

Department of Computer Science, Sapienza University of
Rome, Italy

Keynote

Thu 09:45 To be announced

Brendan D. Kelly

Trinity College Dublin, Ireland
Editor-in-Chief of Elsevier International
Journal of Law and Psychiatry

AI and clinical decision- making

Thu 10:05 The MUAtrix paradigm:
reframing criminal complexity in the age
of AI

Arije Antinori

Sapienza University of Rome, Italy

Thu 10:25 Large language models and
diagnostic reasoning in neurology and
psychiatry

Graziella Orrù

Department of Surgical, Medical,
Molecular & Critical Area Pathology,
University of Pisa, Italy

Giuseppe Sartori

Department of General Psychology,
University of Padua, Italy

Thu 10:45 The legal challenges of
quantum technology in healthcare

Rui Cascão

Center of Advanced Studies in Law
Francisco Suárez, Portugal
Universidade Lusófona, Porto, Portugal

Thu 11:05 Coffee break

Coffee-break served in the hall foyer

Thu 12:40 Mind the log: AI Act legal requirements as contributing factors of structural testimonial injustice in the medical domain

Gabriele Nanino

Sant'Anna School of Advanced Studies, Pisa, Italy

Thu 13:00 Lunch

Lunch served in the hall foyer

AI and law

Thu 14:00 Forensic genetic phenotyping and the limits of algorithmic justice: ethical and legal challenges of statistical inference in criminal proceedings

Sílvia de Carvalho Homem

JusGov, University of Minho, Braga, Portugal

Thu 14:20 The (in)admissibility of some IT/AI tools in courts of law

Sónia Moreira

School of Law / JusGov, University of Minho, Braga, Portugal

Thu 14:40 Navigating accountability: a threshold typology for healthcare worker liability in AI-assisted medical decision-making under EU law

Marija Ampovska

Goce Delcev University, Stip, North Macedonia

Thu 15:00 Coffee break

Coffee-break served in the hall foyer

AI and neurotechnologies: opportunity and risks

Thu 15:20 Neurointerventions in criminal justice: the protection provided by the right to personal identity

Naomi van de Pol

Utrecht University, Netherlands

Thu 15:40 How AI-related accuracy and confidence shape human reliance on AI-based veracity judgments

Riccardo Loconte

IMT School for Advanced Studies Lucca, Italy

Tilburg University, Netherlands

Merylin Monaro

University of Padova, Italy

Pietro Pietrini

Molecular Mind Laboratory, IMT School for Advanced Studies Lucca, Italy

Bruno Verschuere

University of Amsterdam, Netherlands

Bennett Kleinberg

Tilburg University, Netherlands

University College London, UK

Thu 16:00 Effective faking of verbal deception detection with target-aligned adversarial attacks

Bennett Kleinberg

Tilburg University, Netherlands

University College London, UK

Riccardo Loconte

IMT School for Advanced Studies Lucca, Italy

Tilburg University, Netherlands

Bruno Verschuere

University of Amsterdam, Netherlands