Programme

4th International Conference on Decision Making in Medicine and Law: Opportunities and pitfalls of information technologies
(DMM&L 2026)

The programme is still in a preliminary stage, and might be subject to minor changes.

Thursday October 15, 2026

Thu 09:30 Registration

Thu 10:00 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, The Netherlands
Faculty of Humanities, Moral and Political Philosophy, Vrije University, Amsterdam, The Netherlands

Naomi van de Pol
Utrecht University, The Netherlands
University of Bergen, Norway

David Vinkers
Faculty of Law, Criminology, Vrije Universiteit Amsterdam, The Netherlands

Forensic psychiatry and reliability of expert decision-making

Session chair

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

Thu 10:15 Linear Sequential Unmasking and Context Management in Forensic Decision-Making: Implications for Forensic Psychiatry

Luigi Buongiorno
Interdisciplinary Department of Medicine, University of Bari "Aldo Moro", Italy
Department of Human Neuroscience, Sapienza University of Rome, Italy

Giulia Petroni
Department of Human Neuroscience, Sapienza University of Rome, Italy

Anna Margari, Felice Francesco Carabellese, Roberto Catanesi, Gabriele Mandarelli
Interdisciplinary Department of Medicine, University of Bari "Aldo Moro", Italy

Thu 10:35 Machine Learning and Delusional Content in Forensic Psychiatric Assessment: Discriminating Forensic from General Psychiatric Patients with Schizophrenia Spectrum Disorders

Amr A.N. Eleryan
University of Zurich, Switzerland

Friederike Boudriot
Department of Forensic Psychiatry and Psychotherapy, Psychiatrische Dienste Aargau, Windisch, Switzerland

Marc Dörner
Department of Consultation-Liaison-Psychiatry and Psychosomatic Medicine, University Hospital Zurich, Switzerland
Department of Neurology, University Hospital Zurich, Switzerland
German Center for Neurodegenerative Diseases (DZNE), Magdeburg, Germany

Andreas B. Hofmann
Adult Psychiatry and Psychotherapy, University Hospital of Psychiatry Zurich, Switzerland

Lena Machetanz, Johannes Kirchebner
Forensic Psychiatry and Psychotherapy, University Hospital of Psychiatry Zurich, Switzerland
University Hospital of Forensic Psychiatry and Psychology, University of Bern, Switzerland

Thu 10:55 Psychiatric co-occurring disorders and substance use profiles among persons with autism spectrum disorder who have undergone forensic psychiatric evaluation: relationship to decision on severe mental disorder

Anastasia Arnewid
Sahlgrenska Academy, University of Gothenburg, Sweden

Malin Hildebrand Karlén
University of Gothenburg, Sweden

Thu 11:15 Coffee break

Thematic session

Children in Criminal Justice: Responsibility, Risk, Participation, and Rights

Session chair

Naomi van de Pol
Utrecht University, The Netherlands
University of Bergen, Norway

Thu 11:35 Preventive justice in the child's best interests

Martin Mindestrømmen
University of Bergen, Norway

Thu 11:55 Uncertainty in forensic mental health evaluations of children

Kari Eriksen Øverland
Helse Bergen

Thu 12:15 Language and communication vulnerabilities in adolescent forensic psychiatric assessments

Øyvind Heen Ottesen
Helse Bergen

Thu 12:35 When vulnerability becomes dangerousness: indeterminate sentencing of children in Europe

Ingun Fornes
Faculty of Law, University of Bergen, Norway
Helse Bergen, Norway

Thu 12:55 Lunch

AI, medical liability and clinical decision-making 1

Session chair

Benedetta Barchielli
Department of Dynamic and Clinical Psychology, Sapienza University of Rome, Italy

Thu 13:55 AI-Related Medical Liability: A Case-Based Application of a 13-Step Medico-Legal Framework

Rossana Cecchi, Anna Laura Santunione, Marcello Barchi
Forensic Medicine Unit, Azienda Ospedaliero-Universitaria di Modena, Italy
Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, Modena, Italy

Francesco Calabrò, Valentina Bugelli, Jessika Camatti
Department of Medicine and Surgery, University of Parma, Parma, Italy

Michela Sperti, Eric Zizzi, Marco Agostino Deriu
Polito (BIO)Med Lab Torino, University of Turin, Italy

Thu 14:15 Establishing and attributing civil liability for damages caused by medical malpractice involving artificial intelligence. A perspective on Romanian law in the light of the new European regulations on artificial intelligence and defective products

Florin Ion Mangu
West University of Timisoara, Romania

Thu 14:35 Towards an AI-ready multimodal data infrastructure for forensic medicine: from standardised histopathology to routine practice

Rossana Cecchi, Anna Laura Santunione, Marcello Barchi, Giuseppe Mammola, Micaela Guerra, Denise Gianfreda
Forensic Medicine Unit, Azienda Ospedaliero-Universitaria di Modena, Italy
Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, Modena, Italy

Giovanni Sullutrone, Sonia Bergamaschi
Department of Engineering "Enzo Ferrari", University of Modena and Reggio Emilia, Modena, Italy

Jessika Camatti
Department of Medicine and Surgery, University of Parma, Parma, Italy

Davide Saraceno
DataRiver s.r.l., Modena, Italy

Thu 14:55 Coffee break

Perspectives on (Proof of) Dangerousness in Criminal Law

Session chair

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

Thu 15:15 Developing the presumption of harmlessness

Johannes Bijlsma
Utrecht University, The Netherlands
University of Groningen, The Netherlands

Thu 15:35 The unreliability objection to preventive criminal justice: a decision-theoretic analysis

Hylke Jellema
Utrecht University, The Netherlands
University of Groningen, The Netherlands

Thu 15:55 Freedom of opinion in criminal justice: On dangerousness, neurointerventions, and rehabilitation

Naomi van de Pol
Utrecht University, The Netherlands
University of Bergen, Norway

Thu 16:15 Proving dangerousness in the distant future: the case of the GVM

Max de Vries
University of Groningen, The Netherlands

Thu 16:35 End of day

Thu 18:00 Dinner

Friday October 16, 2026

Fri 09:30 Registration

AI, restorative justice and judicial decision-making

Session chair

Johannes Bijlsma
Utrecht University, The Netherlands
University of Groningen, The Netherlands

Fri 10:00 Opportunities and pitfalls of implementing AI in restorative justice: can AI bots be used as a substitute in mediation?

Lydia Dalhuisen, Alice Kirsten Bosma
Utrecht Centre for Accountability and Liability Law, Utrecht University, The Netherlands

Fri 10:20 How to compile a corpus of court decisions using AI and some findings of the Dutch Corpus Pro Justitia

David Vinkers
Faculty of Law, Criminology, Vrije Universiteit Amsterdam, The Netherlands

Fri 10:40 The Influence of Forensic Information and Its Presentation Order on Diagnostic Formulation and Criminal Responsibility Judgments: Preliminary Findings from an Experimental Study

Benedetta Barchielli
Department of Dynamic and Clinical Psychology, Sapienza University of Rome, Italy

Stefano Ferracuti
Department of Human Neuroscience, Sapienza University of Rome, Italy

Alexa Schincariol
Padova Neuroscience Center, University of Padua, Italy

Cristina Scarpazza
Department of General Psychology, University of Padua, Italy

Fri 11:00 Coffee break

Thematic session

Forensic Mental Health Assessment and Judicial Decision-Making

Session chair

Maaike Kempes
Dutch Institute of Forensic Psychiatry and Psychology, University of Leiden, The Netherlands

Fri 11:20 When judges depart from expert advice: a qualitative exploration of cases involving forensic mental health reports

Eleni Georgaki
University of Groningen, The Netherlands
Netherlands Institute for Forensic Psychiatry and Psychology

Fri 11:40 To what extent do courts follow the advice of forensic evaluators in juvenile cases?

Merijne Groeneweg
Leiden University, The Netherlands
Forensic Youth Centre Teylingereind, The Netherlands

Fri 12:00 Sex differences in forensic mental health assessment of developmental functioning in the context of adolescent criminal law

Britt Roskam, Louise C.S. Smallenburg, Melanie E. Franse, Sabine J. Roza
Netherlands Institute of Forensic Psychiatry and Psychology, The Netherlands

Maaike Kempes
Dutch Institute of Forensic Psychiatry and Psychology, University of Leiden, The Netherlands

Fri 12:20 Bridging the gap? A vignette study on using frameworks for assessing criminal responsibility

Lucia Mebius
University of Groningen, The Netherlands
Netherlands Institute of Forensic Psychiatry and Psychology, The Netherlands
Utrecht University, The Netherlands

Fri 12:40 Communicating uncertainty in forensic risk assessment: exploring questions for research and practice

Laura van Oploo
Netherlands Institute for Forensic Psychiatry and Psychology, The Netherlands
Tilburg University, The Netherlands

Fri 13:00 Lunch

AI, medical liability and clinical decision-making 2

Session chair

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

Fri 14:00 From human error to algorithmic error: reconstructing criminal negligence across the AI-assisted clinical pathway

Vagia Polyzoidou
University of Nicosia, Cyprus

Fri 14:20 Defences for health institutions in case of substantial modification of AI medical devices under the rPLD

Marija Ampovska
Goce Delcev University, Stip, North Macedonia

Fri 14:40 Adversarial Epistemics: Reframing AI-Assisted Legal and Forensic Decision-Making through MUAI

Arije Antinori
Sapienza University of Rome, Italy

Fri 15:00 Coffee break

Forensic genetics, end-of-life care and computational approaches

Session chair

David Vinkers
Faculty of Law, Criminology, Vrije Universiteit Amsterdam, The Netherlands

Fri 15:20 Kinship without culpability: the legal and psychosocial position of relatives in forensic genetic genealogy investigations

Monika Nogel
Széchenyi István University, Győr, Hungary

Fri 15:40 Femicide classification from nationwide Italian forensic data: classical machine learning and cross-family LLM exploration

Rossana Cecchi, Marcello Barchi, Anna Laura Santunione, Giuseppe Mammola
Forensic Medicine Unit, Azienda Ospedaliero-Universitaria di Modena, Italy
Department of Biomedical, Metabolic and Neural Sciences, University of Modena and Reggio Emilia, Modena, Italy

Giovanni Sullutrone, Sonia Bergamaschi
Department of Engineering "Enzo Ferrari", University of Modena and Reggio Emilia, Modena, Italy

Jessika Camatti
Department of Medicine and Surgery, University of Parma, Parma, Italy

Antonino Lavenia
University of Cassino, Italy
IUSS Pavia, Italy

Fri 16:00 Regulating psychedelic therapy in palliative care: lessons from the law on euthanasia

Sjors Ligthart
Tilburg University, The Netherlands

Esther Nauta
Utrecht University, The Netherlands

Fri 16:20 Closing remarks

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

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

Naomi van de Pol
Utrecht University, The Netherlands
University of Bergen, Norway

David Vinkers
Faculty of Law, Criminology, Vrije Universiteit Amsterdam, The Netherlands

Fri 16:30 End of conference