



PROTECT ITN



Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



**LAW, SCIENCE,
TECHNOLOGY
& SOCIETY
RESEARCH GROUP**



Governing Artificial Intelligence: Designing Legal and Regulatory Responses

International Symposium

Tuesday 23 May, U-Residence, VUB Brussels

PROTECT ITN, PhD Training Network

and

*Technologies, Law and Society Research Group,
School of Law, Trinity College Dublin*

and

*Law, Science, Technology and Society Research
Group, Faculty of Law and Criminology, Vrije
Universiteit Brussel*

Symposium Venue

The symposium will take place at Vrije Universiteit Brussel (VUB)'s Etterbeek campus, in the [U- Residence](#), located in Generaal Jacqueslaan 271, 1050 Elsene, Brussels. The building is right next to VUB entrance No. 9 (Ingang 9; [map to the VUB campus](#)).

Symposium Objectives

The symposium will examine the legal and regulatory challenges posed in the fourth industrial revolution by the advent of AI. Contributors to the symposium will seek to engage creatively with the benefits offered by AI, dangers posed and potential legal and regulatory approaches. AI brings unparalleled opportunities but significant ethical, legal, and regulatory challenges, raising issues that frequently transcend national boundaries. Algorithmic engagement with big data, machine learning, autonomous vehicles, and robo-advisors (to name but a few) are challenging incumbent practices and firms. This evolution gives rise to new issues which hold significance, not just for private parties, but for governments, legislators, regulators, policymakers, and courts and, more broadly, for how fields of law respond to AI's emergence. Can law and regulation be optimised to address the challenges posed without unduly stifling innovation?

Symposium Programme

9.00: Registration and Coffee

9.30: Opening Remarks,

Professor Deirdre Ahern

9.40: SESSION I: Reflections on AI Regulation

Chair: Professor Deirdre Ahern, Director of Technologies, Law & Society Research Group, Trinity College Dublin

9.40 – 10.00

Ethics for DAN: blackbox algorithms and navigating in the unknown

Juan Diego Arregui Acosta, Dublin City University

10.00 – 10.20

Analysis of the classification of medical device software under the AI act proposal

PhD Researcher Karla Aniela Cepeda Zapata, Dundalk Institute of Technology, Research Scientist Ritesh Patil, Dublin City University, Prof. Tomas Ward, Dublin City University, Dr. Roisin Loughran, Dundalk Institute of Technology and Prof. Fergal McCaffery, Dundalk Institute of Technology

10.20 - 10.40

Fundamental principles-based framework for designing and development of AI system in human-AI interaction (HAI)

PhD Student Shabahang Arian, Sant'Anna School of Advanced Studies

10.40 – 11.00

The proposed artificial intelligence liability directive: substance ambiguity and future challenges

Dr. Shu Li, Erasmus University Rotterdam

11.00 – 11.15

Discussion

11.15: *Coffee*

11.40: SESSION II: PANEL A, B OR C

PANEL A: Governing Generative AI

Chair: Dr. Harshvardhan J. Pandit, Dublin City University

11.40 - 12.00

Deepfake: a legal polemic and an ethical dilemma. Examination of deepfake-polemics in the context of disinformation, ethics, cybersecurity and law

Doctoral Researcher Gergely Lendvai, Pázmány Péter Catholic University

12.00 - 12.20

The regulatory future of generative models: open issues

Dr. Chiara Gallese, University of Trieste

12.20 – 12.40

A broken paradigm – open AI and the slow death of the EU's data control model

PhD Researcher, Joshua Hovsha, Trinity College Dublin

12.40 – 12.55

Discussion

12.55 - 13.50: Lunch

PANEL B: AI and Privacy

Chair: Professor Maria-Grazia Porcedda, Trinity College Dublin

11.40 – 12.00

All that glitters is not gold: navigating data protection risks in AI-enhanced online dispute resolution

Vy Ngo Nguyen Thao, Ho Chi Minh City University of Law

12.00 – 12.20

Legal aspects of children's right to protect personal data in the context of AI under the European Union data protection laws

Doctoral Researcher Kamrul Faisal, University of Helsinki

12.20 – 12.40

Emotional artificial intelligence (EAI) and the right to privacy

PhD Researcher Emine Akar, King's College London

12.40 – 12.55

Discussion

12.55 - 13.50: Lunch

PANEL C: AI Contracts and Liability

Chair: Andrés Chomczyk Penedo, Vrije Universiteit Brussel

11.40 – 12.00

Non-contractual liability applicable to artificial intelligence: towards a corrective reading of the European intervention

Prof. Henrique Sousa Antunes, Católica Global School of Law

12.00 – 12.20

Persuasive technology, computational manipulation and contract law

PhD Researcher Stefano Faraoni, University of York

12.20 – 12.40

Embedded normativity: regulating AI through metadata

Dr. Margo Bernelin, CNRS Nantes University

12.40 – 12.55

Discussion

12.55 - 13.50: *Lunch*

13.50: SESSION III: PANEL A, B and C

PANEL A: Content and AI interaction Governance

Chair: Joshua Hovsha, Trinity College Dublin

13.50 – 14.10

The Governance of Algorithms: between profiling and personalization of online content. The ineffectiveness of the current regulatory framework and the need for its reconsideration

PhD Candidate Ludovica Sposini, Sant'Anna School of Advanced Studies

14.10 – 14.30

AI creations and propagandized disinformation: a case study of India

PhD Researcher Kaberi Basu, Trinity College Dublin, Assistant Professor JGLS, OP Jindal University, India

14.30 – 14.50

A critical analysis of the online safety bill's user-empowerment clause

Doctoral Student Claudine Tinsman, Oxford University

14.50 – 15.10

The implementation of artificial intelligence in trade mark offices: towards automated decision making?

Predocotoral Researcher Irene Filgueira Loureiro, University of Coruña

15.10 – 15.25

Discussion

15.25 Coffee

PANEL B: Regulating AI in Finance and Employment

Chair: Professor Deirdre Ahern, Trinity College Dublin

13.50 – 14.10

Can the European financial data space remove bias in financial AI development? Opportunities and regulatory challenges

PhD Researcher Andrés Chomzyck Penodo, Vrije Universiteit Brussel (LSTS) and PhD Researcher Pablo Trigo Kramcsak, Vrije Universiteit Brussel (LSTS)

14.10 – 14.30

Robo-firings – 'There will be trouble'

Dr. Andrew Noble, Anglia Ruskin University

14.30 – 14.50

AI and employment practices liability: advancing labour rights for African digital labour in the AI value chain

Stella Nalwoga, Stella Nalwoga Corp

14.50 – 15.10

Algorithmic collusion as a concerted practice

PhD Student Massimiliano Trovato, King's College London

15.10 – 15.25

Discussion

15.25 Coffee

PANEL C: AI and Intellectual Property

Chair: Professor David Lewis, Trinity College Dublin

13.50 – 14.10

Sustainable patent governance of artificial intelligence. Recalibrating the European patent system to build resilient infrastructure, promote inclusive and sustainable industrialization, and foster innovation (SDG 9)

Dr. Guido Noto La Diega, University of Stirling, Research and Teaching Assistant Gabriele Cifrodelli, University of Glasgow and Doctoral Student Artha Dermawan, Max Planck Institute for Innovation and Competition

14.10 – 14.30

Copyright vs innovation in AI: the complexities of using copyrighted material for machine learning purposes

PhD Researcher Erva Akin, University of Milan

14.30 – 14.50

Intellectual property infringement through AI

Dr. Marta Cernadas-Lázare, University of Coruña

14.50 – 15.10

Artificial intelligence as a potential subject of intellectual property relations

Sajal Sharma, Assistant Professor, School of Law, UPES

15.10 – 15.25

Discussion

15.25 Coffee

15.50: SESSION IV: COMPLEMENTARY PERSPECTIVES ON AI REGULATION

**Chair: Professor David Lewis, Director of ADAPT Centre,
Trinity College Dublin,**

15.50 – 16.10

Enhancing Solid with legally-aware policies

PhD Researcher Beatriz Esteves, Universidad Politécnica de Madrid

16.10 – 16.30

Towards an overtake in fundamental rights protection? The EU and the Council of Europe in designing regulatory tools for AI

PhD Student Francesco Paolo Levantino, Sant'Anna School of Advanced Studies and PhD Student Federica Paolucci, Bocconi University

16.30 – 16.50

Establishing efficient regulatory enforcement as the key to EU's digital ambitions

Dr. Harshvardhan J. Pandit, Dublin City University

16.50 – 17.05

Discussion

17.05: Closing Remarks, Professor David Lewis

Reception to follow

About the Technologies, Law and Society Research Group

Founded in 1740, Trinity College Dublin's School of Law, is one of the leading Law Schools in Europe. The Technologies, Law and Society Research Group ('TLS') at the School of Law brings together PhD, postdoctoral fellows, academic researchers and visiting researchers in the School of Law working on issues at the intersection of law and technology. This includes research in the areas of information technology law, intellectual property law, health and medical law, bioethics, data protection, privacy, and security of information. TLS is also interested in the appropriate regulation of new, emerging, and disruptive technologies (including FinTech, direct-to-consumer genetic tests, wearable technology, Internet of Things, reproductive technologies and AI) as well as the ethical and liability issues raised by particular technologies and their societal impact.

About the PROTECT PhD Training Network

We are a unique multidisciplinary, cross academic-industry and international European Training Network (ETN), funded under the EU's Marie Skłodowska-Curie Actions to train a new generation of Early Stage Researchers (ESRs) as PhD graduates. The network investigates methods to protect of rights and interests of individuals impacted by the continuous large-scale analysis of personal data, while still enabling the economy and society to benefit from rapid innovation in digital applications that use this data and thereby underpin the Digital Single Market. ESRs will receive training to enable them to integrate and apply arguments, analyses and tools from across the fields of law, technology ethics and knowledge engineering, so that they can excel in research and data science careers within digital services industry and public policy sectors too address problems of data protection, data ethics and data governance. The ESRs receive a strongly multidisciplinary training programme, bringing together world-class researcher in Data Protection Law, Technology Ethics and Knowledge Engineering.

About the Law, Science, Technology and Society Research Group

Since its creation in 2003, the interdisciplinary Research Group on Law, Science, Technology & Society (LSTS) has focused upon the articulations of law, science, technology, ethics and society, taking technological developments and their consequences as a starting point. Although LSTS's core expertise is legal, it also has a strong track record in legal theory, philosophy (of law, of sciences and of technology) and it notably engages in criminological (surveillance and security), science and society studies (STS). LSTS's challenges include studying and (re)thinking the constitutive and legal framework of democracies in relation to contemporary scientific and technological developments that seem to confront individuals with irreversible decision-making processes with a major impact on their lives. LSTS nurtures a bottom-up interdisciplinary approach, whereby disciplinary scientific (legal, criminological, sociological, technological, etc.) practices and research meet, seek mutual interest and understanding, and build up articulations that remain respectful of the different constraints of the disciplines involved, their own way of constructing questions and issues and their mutual impacts.