



DIGITALISATION &  
ACCESS TO JUSTICE  
RESEARCH GROUP

8<sup>th</sup> and 9<sup>th</sup> September 2025  
VILLA CRAWFORD  
Sant' Agnello (Sorrento) - Italy



Co-funded by  
the European Union

# SMART CONTRACTS, BLOCKCHAIN, CRYPTOCURRENCIES AND DIGITAL DISPUTE RESOLUTION

## LEGAL INNOVATION IN AI-DRIVEN BUSINESS PARADIGM



UNIVERSITÀ DEGLI STUDI DI NAPOLI  
FEDERICO II



TechLegals  
DIGITAL LAW ADVISORY



**8<sup>th</sup> September 2025**



Co-funded by  
the European Union

**14.00 – 14.30 WELCOME & REGISTRATION**

**14.30 – 16.00 PANEL 1**  
**SMART CONTRACTS AND LEGAL CHALLENGES**

*Chair: Prof. Marco Giacalone*

**Smart Contracts Vis-À-Vis Procedural Law:  
Jurisdictional Challenges, Recognition and Enforceability  
in Cross-Border Dispute**

*Ioanna Dimitra Theodosopoulou*

**Smart Contracts, Online Dispute Resolution and Cryptocurrencies:  
Legal and IT Perspectives**

*Gioia Arnone*

**Integrating Consumer Rights in STIPULA Contracts**

*Alessandro Parenti*

**Blockchain, Brands, and Broken Classifications:  
How Trademark Law is Failing NFTs And Virtual Goods**

*Thayssa Bohadana Martins*

**16.00 – 16.30 Coffee Break**

**16.30 – 18.00 PANEL 2**

**BLOCKCHAIN GOVERNANCE AND REGULATIONS**

*Chair: Prof. Giuseppe Corasaniti*

**Rethinking Land Registration: Historical Challenges,  
Policy Solutions, and New Protocol**

*Alessandro Piovano*

**Science for Inclusive Blockchain Governance in Queer Public Health**

*Eduard Fosch Villaronga*

**Corporate Law and Decentralized Autonomous Organizations:  
A Transatlantic Regulatory Blueprint**

*Ali Mert Gurkan*

**Banking Compliance in the Age of Smart Contracts: Rethinking 231  
Model with AI and Blockchain Governance**

*Giovanni Mistretta*

**18.00 – 18.30 ROUNDTABLE DISCUSSION**

**19.30 APERITIF & NETWORKING DINNER**

**9<sup>th</sup> September 2025**



Co-funded by  
the European Union

**09.30 – 11.00 PANEL 3**

**CRYPTOCURRENCES AND DIGITAL ASSETS REGULATION**

*Chair: Prof. Anne-Christine Fornage*

*Cryptocurrencies and Financial Crime:  
Assessing Risks, Governance, And Legal Challenges*

*Gioia Arnone*

*Fan Tokens in Italian Minor League Soccer: Regulatory and  
Engagement Lessons from Siracusa Calcio*

*Giovanni Scirè*

*Adapting Italian Private and Commercial Law to Crypto Assets*

*Emilia Richiello*

**11.00 – 12.30 PANEL 4**

**BLOCKCHAIN FOR PUBLIC INSTITUTIONS AND REFORMS**

*Chair: Prof. Flora Amato*

*The Use of Blockchain for Legislative Simplification and Tracking*  
*Ludovico Papalia*

*From Fragmentation to Integration: Enhancing EEO and EOP  
Enforcement through Predictive and Blockchain-based  
Mechanisms. A Preliminary Comparative Perspective*

*Marianna Molinari*

*Family Asset Division in the Era of Digital by Default*

*Andrea Filippo Ferraris, Susanna Picariello*

**12.30 – 13.00 ROUNDTABLE DISCUSSION**

**13.00 - 14.00 LIGHT LUNCH**

# SMART CONTRACTS, BLOCKCHAIN, CRYPTOCURRENCIES AND DIGITAL DISPUTE RESOLUTION

LEGAL INNOVATION IN AI-DRIVEN BUSINESS PARADIGM

## PANEL 1 - SMART CONTRACTS AND LEGAL CHALLENGES



Co-funded by  
the European Union



**Marco GIACALONE**

Research Professor at the Private and Economic Law department (PREC) and Co-Director of the Research Group on Digitalisation and Access to Justice (DIKE) at the Vrije Universiteit Brussel (VUB). He has been leading and/or involved in several collaborative research projects (co-)funded by the European Union. His work analyses the transformations of law in the field of Access to Justice with a special focus on the fields of Private International Law, Alternative Dispute Resolution (ADR) and Online Dispute Resolution (ODR). He earned a Ph.D. in law (Doctor Europaeus, 2016) from VUB and Naples' University Federico II with a thesis on Dispute Resolution and New IT Realities.



**Gioia ARNONE**

Postdoctoral Research Fellow at the University of Palermo, focusing on cryptocurrencies and their use within criminal organizations. She holds a double PhD in Entrepreneurship & Innovation (University of Naples "Parthenope") and in Law (Vrije Universiteit Brussel), with a thesis on crowdfunding, blockchain, cryptocurrencies, and decentralized justice. Her academic background combines a Master's Degree in Law and a qualification as a lawyer in Italy with a Master's Degree in Management, bridging legal and economic expertise. Her research is distinguished by an interdisciplinary approach at the intersection of law, technology, and digital finance.



**Ioanna Dimitra THEODOSOPOULOU**

Trainee Associate in the Insurance Law and Personal Injury Department at Harris Kyriakides. She graduated from the Université Sorbonne Paris Nord with a Bachelor of Laws (Mention Bien). She also holds a Master's in Criminology and Criminal Justice, graduating with Distinction. She is fluent in Greek, English, and French.



**Alessandro PARENTI**

PhD student in the Law, Science and Technology program at the University of Bologna, where he collaborates with the CIRSIFID research centre and the Chair of IT Law. His research focuses on computational law, smart contracts, and artificial intelligence, with particular attention to the modelling of legal provisions in computational form. His doctoral thesis explores programming languages for drafting Smart Legal Contracts and includes the development of Stipula, a domain-specific language for smart legal contracts, which will be the focus of today's talk.



**Thayssa Bohadana MARTINS**

Thayssa Bohadana Martins is a Ph.D. candidate in Law, Science and Technology at the University of Bologna and the Universitat Autònoma de Barcelona. Her research focuses on EU trademark law, NFTs, and the legal challenges of virtual environments. She holds an LL.M. in Law & Technology from Tel Aviv University and has worked in IP and commercial law across Brazil, Israel, and Europe. Thayssa is currently based in Frankfurt and speaks six languages. Her upcoming publication analyzes the MetaBirkins case and the frontier of trademark law in Web3.

# SMART CONTRACTS, BLOCKCHAIN, CRYPTOCURRENCIES AND DIGITAL DISPUTE RESOLUTION

LEGAL INNOVATION IN AI-DRIVEN BUSINESS PARADIGM

## PANEL 2 - BLOCKCHAIN GOVERNANCE AND AI REGULATION

**Giuseppe CORASANITI**

Full Professor of Digital Legal Philosophy and Legal Informatics & Digital Ethics at Università Mercatorum in Rome, where he coordinates the Master's Degree in Cybersecurity (LM-66). He also teaches "Intelligent Machines and Law" at LUISS Guido Carli University and serves as an expert for the Italian National Cybersecurity Agency (ACN). From 1984 to 2020, he served as an ordinary magistrate: at the Public Prosecutor's Office in Rome (1992–2011) and later as Deputy Attorney General at the Italian Supreme Court of Cassation (2011–2020). He has been an expert for UNODC and the Italian representative (2008–2018) for the Budapest Convention on Cybercrime, as well as a member of the EU Working Group drafting the General-Purpose AI Code of Practice. He held senior institutional roles, including Head of the Guarantees and Litigation Department at AGCOM (1999–2003), Head of the Department of Justice Affairs at the Ministry of Justice (2018), and Vice President of the High Council of the Judiciary's Training School (2019–2020). He has taught legal informatics for decades at LUISS Guido Carli, Sapienza University of Rome, and Roma Tre University.



**Alessandro PIOVANO**

PhD candidate in the Law, People, and Markets Program at the University of Turin, where his research explores the relationship between emerging technologies, European regulatory frameworks, and private law. In addition to his academic work, he collaborates on projects addressing the implementation of the EU AI Act, digital identity (eIDAS), and regulatory compliance in the field of legal tech and cybersecurity. European jurist and researcher specializing in the intersection of law and technological innovation, his work bridges academia, policy, and the private sector, with a focus on digital regulation, AI governance, and legal-tech solutions.



**Eduard Fosch VILLARONGA**

Ph.D. LL.M M.A., Associate Professor and Director of Research at eLaw–Center for Law and Digital Technologies at Leiden University (NL), he is an ERC Laureate who investigates the legal and regulatory aspects of robot and AI technologies, focusing on healthcare, governance, diversity, and privacy. is the Principal Investigator (PI) of his personal ERC Starting Grant SAFE & SOUND where he works on science for robot policies (2023-2028), he is also the group leader of eLaw's contribution to the Horizon Europe BIAS Project: Mitigating Diversity Biases of AI in the Labour Market (2022-2026) and the Horizon Europe AI:Liner: Data-driven sewer asset management: a path toward the resilient transformation of Europe's sewer infrastructure (2025-2028). .



**Ali Mert GURKAN**

PhD researcher jointly enrolled at the University of Bologna and the University of Luxembourg within the Law, Science, and Technology program. His doctoral research explores the intersection of blockchain technology, governance, and law, with a particular focus on the regulatory and institutional implications of decentralized systems such as Decentralized Autonomous Organizations (DAOs). He began his research career at the Grand National Assembly of Türkiye, where he worked on technology-related legislative and policy issues. He subsequently completed an Advanced Master's degree in Law and Digital Technologies at Leiden University, specializing in data protection, cybersecurity, and emerging technologies. Before embarking on his PhD, he gained practical experience in the blockchain ecosystem by working as a researcher for a DAO, contributing to the design and analysis of decentralized governance models.



**Giovanni MISTRETTA**

PhD student in Systems Dynamics at the University of Palermo. He has a background and consolidated experience in the business consulting sector and, over the years, has specialised in compliance. This path led him to undertake his doctorate in partnership with the Gaslini Institute in Genoa, where he supports the activities of the anti-corruption section.



Co-funded by  
the European Union



# SMART CONTRACTS, BLOCKCHAIN, CRYPTOCURRENCIES AND DIGITAL DISPUTE RESOLUTION

## LEGAL INNOVATION IN AI-DRIVEN BUSINESS PARADIGM

### PANEL 3 - CRYPTOCURRENCIES AND DIGITAL ASSETS REGULATION



**Anne-Christine FORNAGE**

Full Professor at the School of Law of the University of Lausanne, specializing in Private Law (Contract Law, Liability Law including Medical Liability, Family Law, Law of Goods and Personhood, Inheritance Law, etc.). Her publications focus on structural imbalances (such as economic and social vulnerability) and on the analysis of risks to health and safety, particularly in relation to product marketing and, more specifically, medical devices. Since 2018, she has also explored the interactions between law and digitalization. Together with a colleague, she established an annual seminar series, *\*La Semaine de la Digitalisation\**, designed to provide students at the University of Lausanne with the tools to understand the societal, ethical, and legal transformations generated by new technologies.



**Giovanni SCIRE'**

Assistant Professor of Business Economics at the University of Palermo, he holds an International PhD in Model-Based Public Planning, Policy Design and Management from the University of Palermo, developed in collaboration with the University of Bergen and Radboud University. His research focuses on performance management, sustainability, and innovation, with particular attention to the impact of organized crime on businesses, governance, compliance, and the adoption of emerging technologies. He applies System Dynamics to study complex interactions in both public and private organizations. He has worked with the National Research Council (CNR) and as a visiting postdoctoral researcher at Area Science Park (Trieste) and Vrije Universiteit Brussel (VUB), where he was involved in deep tech and technology transfer initiatives. He has also contributed to several European-funded projects under Horizon Europe, COSME, and AMIF, integrating insights on governance, digital transformation, and deep tech-based innovation.



**Gioia ARNONE**

Postdoctoral Research Fellow at the University of Palermo, focusing on cryptocurrencies and their use within criminal organizations, she holds a double PhD in Entrepreneurship & Innovation (University of Naples "Parthenope") and in Law (Vrije Universiteit Brussel), with a thesis on crowdfunding, blockchain, cryptocurrencies, and decentralized justice. Her academic background combines a Master's Degree in Law and a qualification as a lawyer in Italy with a Master's Degree in Management, bridging legal and economic expertise. Her research is distinguished by an interdisciplinary approach at the intersection of law, technology, and digital finance.



**Emilia RICHIELLO**

Joint Ph.D. candidate in Law, Science and Technology at the University of Bologna and Vrije Universiteit Brussel. Her research interests range from Blockchain legal application to the IoT financial application perspectives. Emilia's current research focuses on Decentralised Finance regulation and consumer protection in the European contest. She graduated with honors at Roma Tre University with a thesis entitled "Blockchain, Smart Contracts and Algorithmic Trading techniques" after a visiting period at Harvard Law School Library. Emilia was a Trainee at the Italian Supreme Court of Justice and she passed the Italian Bar in November 2022.



Co-funded by  
the European Union

# SMART CONTRACTS, BLOCKCHAIN, CRYPTOCURRENCIES AND DIGITAL DISPUTE RESOLUTION

LEGAL INNOVATION IN AI-DRIVEN BUSINESS PARADIGM

## PANEL 4 - BLOCKCHAIN FOR PUBLIC INSTITUTIONS AND REFORMS



**Flora AMATO**

Associate Professor Tenure Track at the Department of Electrical Engineering and Information Technology of University of Naples Federico II where she works since 2006 and Professor of Artificial Intelligence for the Master degrees in Computer Science and Electronic Engineering, Automation and Telecommunications, at Engineering Courses of the University of Napoli Federico II. She gained qualification for Associate Professor in August 2017. She graduated summa cum laude in Computer Science at the Faculty of Mathematics, Physics and Natural Sciences at the University Federico II of Naples in 2005. In 2009 she obtained a PhD in Computer and Control Engineering at the same University. She was visiting researcher at the Department de Ciències de la Computació of the Universitat Politècnica de Catalunya, Barcelona (Spain) in the period from March to April 2013, where she collaborated with Prof Fatos Xhafa on semantic techniques for the definition and the composition of processes. She was a visiting researcher at the Department of Computer Science of the University of Maryland (USA) in the period from February to March and September 2015.



**Ludovico PAPALIA**

PhD student with a particular focus on Blockchain technology. His research interests are centered on the intersection between law and technology, especially on how blockchain technology can innovate legal frameworks and practices. His academic background includes an LL.M. in IT Law and Legal Informatics from the University of La Sapienza in Rome, and a master's degree (Thesis in criminal law applied to legal informatics) in Law from the University of Milano-Bicocca. Ludovico is enrolled in the Joint Doctorate offered by the University of Bologna and the University of Camerino.



**Marianna MOLINARI**

Joint Ph.D. Candidate in Law, Science and Technology at the University of Bologna and Vrije Universiteit Brussel. She obtained her graduation in Law from the University of Siena, with honors. In particular, she focused on new frontiers of Family Law, getting an LSS in Comparative Family Law at the University Carlos III of Madrid, jointly with the Seattle Law School and an LLM in Family Law at LUISS University of Rome.

Following her tenure at the University of Turin as both a research scholar and grant-holder, she transitioned to her current role at the University of Bologna and Vrije Universiteit Brussel. Her ongoing research explores the emerging field of predictive justice, delving into its potential application to cases concerning personal rights. In addition to her research, she brings practical experience as licensed to practice law by the Italian Bar and former auditor at an Italian Court of First Instance.



**Andrea Filippo FERRARIS**

Joint PhD candidate in Law at Vrije Universiteit Brussel and the University of Bologna, researching the use of Large Language Models to enhance legal accessibility, automate compliance processes, and promote ethical innovation. His work addresses digital legal frameworks, algorithmic decision-making, and access to justice through technology.



**Susanna PICARIELLO**

Ph.D. candidate at Vrije Universiteit Brussel (VUB). Her research focuses on the intersection of Generative AI and Law, with an emphasis on its regulation at the EU level. She graduated from the University of Naples "Federico II", specialising in European Union Law, after a research period at the University of Denver - Sturm College of Law. After her graduation, she completed a postgraduate program in EU Law and she started practicing as a Trainee Lawyer at an International Law Firm, focusing on International Business Law and ADR.



Co-funded by  
the European Union



DIGITALISATION &  
ACCESS TO JUSTICE  
RESEARCH GROUP

8<sup>th</sup> and 9<sup>th</sup> September 2025  
VILLA CRAWFORD  
Sant' Agnello (Sorrento) - Italy



Co-funded by  
the European Union

# SMART CONTRACTS, BLOCKCHAIN, CRYPTOCURRENCIES AND DIGITAL DISPUTE RESOLUTION

## LEGAL INNOVATION IN AI-DRIVEN BUSINESS PARADIGM



Università  
degli Studi  
di Palermo



UNIVERSITÀ DEGLI STUDI DI NAPOLI  
FEDERICO II

### ORGANIZING COMMITTEE

**Marco GIACALONE**

**Gioia ARNONE**

**Flora AMATO**

**Emilia RICHIELLO**

