



Symposium

MANAGING DIGITAL ASSETS IN RESEARCH AND INNOVATION: APPLICATIONS AND IMPACTS OF WEB 3.0 AND BLOCKCHAIN TECHS

September 21st, 2023, 14:00-15:30
@ NanoInnovation 2023
Sapienza University, Rome and online

INTRO:

Which is the “red thread” that unites Michelangelo Buonarroti’s “Tondo Doni”, with extended digital reality and web 3.0 technologies?

Contracts, deeds, and patents: are they already obsolete? How can we manage and use data and digital data and assets coming from research and innovation processes? What are the ethics and socioeconomic implications?

Novel technologies for analysing and organizing data, such as blockchain, distributed cloud, non-fungible tokens, and their combinations with AI powered techs for processing of sensorial data and communication with humans (e.g., virtual reality, chatbots) opens completely new approaches in the gathering, use and management of data of any kind.

On the one hand, this enables new uses and application for data collected during both research and innovation, and product development. Implementation of FAIR data in research, supply chain and value chain monitoring, digital twins of materials and products, novel forms of collaboration (smart contracts) are just some examples.

On the other hand, this “revolution” challenges existing knowledge, practices, norms and models of society and business, and researchers in the fields of civil law and ethics have been investigating the consequences on people’s and firms’ everyday life. Recent and upcoming regulations in the digital sectors, including the digital service and market act, the data governance and data act, the AI act and others are starting to address these issues.

WHY ATTENDING THE WORKSHOP? The symposium will present some practical case studies, and will provide insights from legal, ethics and technology experts, starting from the experience and knowledge gathered by the EU TechEthos project.

WHO SHOULD ATTEND? Professionals and researchers in companies, research centres, and universities interested in exploiting digital technologies within their R&I activities; consultancy, regulatory and legal experts advising R&I developments in enabling technologies.

DATE: September 21st, 2023, 14:00-15:30, NanoInnovation 2023 Conference (in presence and online).

ORGANIZATION: [TechEthos project](#), [Airi](#), [Fondazione Piemonte Innova](#)

AGENDA:

Chairpersons: Laura Morgagni, Fondazione Piemonte Innova, and Andrea Porcari, Airi

Setting the scene

- **Andrea Porcari, Airi and TechEthos project**
Introduction: insights on the TechEthos project
- **Antonio Punzi, Department of Law, LUISS University, Rome**
The Personal Identity (and its Property) in the Digital Era
- **Jacopo Fracassi, Extended Reality & Metaverse Observatory and Blockchain & Web3 Observatory, Politecnico di Milano - Osservatori Digital Innovation**
The Metaverse and the role of Blockchain: towards the future of the Web

Case studies

- **Serena de Laurentiis, Ales S.p.A., Legal Department, Gallerie degli Uffizi, Florence**
Problems and opportunities of cultural heritage enhancement with technologies based on NFT
- **Francesco Crisciotti, DGS S.p.A**
BIAS project - Blockchain enabled Intelligent Agricultural Services
- **Lorenzo Zullo, Chemchain**
Use of blockchain to exchange information along the value chain, supporting sustainable and circular economic models

Closing remarks

[PRE-REGISTER HERE](#)

We will send you updates and details to participate, and in due time ask to confirm your registration at the NanoInnovation website. Visit the conference website for an overview of the conference program.

INFO:

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