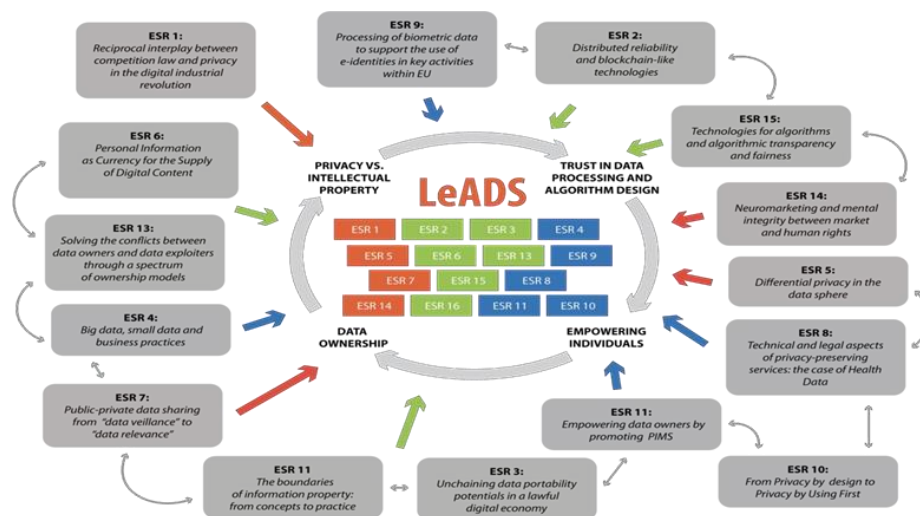




LeADS research and educational program trains a new interdisciplinary professional figure called Legality Attentive Data Scientist or LeADS. An expert in data science and law expected to work within and across the two disciplines, a leader in bridging scientific skills with the ethico-legal constraints of their operating environment. LeADS envisages a research and training programme that will blend ground-breaking applied research and pragmatic problem-solving from the involved industries, regulators, and policy makers.



The interrelations among the different topics addressed by each ESR, and how they all refer to the general idea of LeADS through 4 different interrelated CROSSROADS: Privacy v. Intellectual Property, Trust in Data Processing and Algorithm Design

The articulated research programme (<https://www.legalityattentivedatascientists.eu/>) moves hand in hand with the training (training itself being a component of the research) of 15 Early-Stage Researchers (ESRs). The overall research network (Beneficiaries - ESRs) maps the conceptual gaps among the disciplines involved and produces a clear glossary to reduce misunderstandings and impracticability of adopted technical/legal solutions. In particular, LeADS programme is realized over four major axis/crossroads named: 1) Data ownership, 2) Privacy vs Intellectual property 3) Trust in data processing and algorithm design and 4) Empowering Individuals. The correlations among the various topics addressed by the ESRs are presented in the figure above.

In this framework, a **workshop** is organized within AIAI2022 conference (<https://ifipaiai.org/2022/>) to disseminate the project and make its research elaboration and outcomes known to the scientific community. The workshop will be held on the 19th of June with title “Best Practices for the development of intelligent and trustworthy algorithms and systems” and it is divided into three sessions: 1) Panel on Data Privacy, Ownership, and Empowerment 2) Panel on Trustworthy Data Processing Design and 3) Poster Session. Additionally, LeADS in collaboration with the University of Sunderland, United Kingdom

co-organizes the 2nd Workshop on Artificial Intelligence and Ethics (AI & ETHICS - <https://ifipaia.org/2022/workshops/#aiethics>) having an active participation in the ai & Ethics Session 39 coordinated by Professor John Macintyre and will be held on the 20th of June.



Legality Attentive Data Science

Workshop: Best Practices for the development of intelligent and trustworthy algorithms and systems

Sunday 19/06/2021

10:30-11:30 AM

Panel 1: Data Ownership, Privacy, and Empowerment

Pointing to its limitations, legal uncertainties and issues with implementation, quite a few legal scholars argue that a new legal instrument in the form of data ownership is unnecessary. However, ownership and property are at the core of liberal political theories of the modern state and modern law, as these form the source of rights and liberty. And if data is a valuable resource, forms and scales of its ownership should be discussed- not only in legal writing but also in public debate. Reflecting on the current regimes of data exchange and ownership structures related to data, this panel will discuss if and how a potential data ownership right can empower data subjects and right holders. Covering the scope and elements of a potential data ownership right, the panellists will guide us to have a closer look at the powers and limitations of such a right in relation to pervasive technologies such as AI and machine learning. Some questions the panel will explore: How would a potential data ownership right integrate with existing data protection law? Would it potentially empower individuals regarding access rights and 'data portability'? Can we talk about collective ownership of data? If so, how can we justify it dwelling on the political questions of property and dispossession?

Duration: 60' (incl. 15' debate)

Moderator: **Imge Ozcan**, LSTS, Vrije Universiteit Brussel

Panelists:

-**Katerina Demetzou**, Future of Privacy Forum

-**Paul De Hert**, LSTS, Vrije Universiteit Brussel (remote participation)

-**Afonso Ferreira**, CNRS, Institut de Recherche en Informatique de Toulouse

11:30 AM – 12:00 PM Coffee Break

12:00-1:00 PM

Panel 2: Trustworthy Data Processing Design

Data are fuelling the economy. The borders between personal and non-personal data, sensitive and non-sensitive data are fading away while the need for their secondary uses is growing exponentially. The Panel focuses on these issues moving from legal, ethical and technological framework needed to design data processing trustworthy for all the players.

Duration: 60' (incl. 15' debate)

Moderator: **Giovanni Comandé**, Scuola Superiore Sant'Anna

Panelists:

-**Jessica Eynard**, Toulouse Capitole University

-**Elias Pimenidis**, University of the West of England

-**Gabriele Lenzini**, University of Luxemburg

-**Salvatore Rinzivillo**, Italy National Research Council

1:00-2:15 PM

Poster Session: Gallery Walk on *“Best Practices for the development of intelligent and trustworthy algorithms and systems”*