

Workshop on the Normative Challenges of Converging Technologies: AI, Big Data, and the Internet of Everything (Ugo Pagallo, Massimo Durante, and Jacopo Ciani)

IoT, Big Data and AI are intertwined, converging and will drastically influence business models in the digital economy. A collection of everyday physical “smart devices” equipped with microchips, sensors, and wireless communications capabilities and connected to the internet and to each other, shall receive, collect and send myriads of user data, track activities and interact with other devices, in order to provide more efficient services tailored to users’ needs and desires. More devices on the web will lead to orders of magnitude more data. The very near future will bring us more complex and multi-task intelligent devices that will be using AI to make decisions while relying on external distributed data sources. As the scope of intelligent agents’ activities broadens, it is important to ensure that such socio-technical systems will not make irrelevant, counter-productive, harmful or even unlawful decisions. As the intensity and magnitude of this technological revolution still must be fully comprehended, the law may struggle to evolve quickly enough to address the challenges it poses. To establish a legal framework which ensures an adequate level of protection of personal data and other individual rights involved, while at the same time providing an open and level playing field for businesses to develop innovative data-based services, is a challenging task. Therefore, the research question arises as to how the needs for protection and business interests can best be accounted for by legal disciplines. At the outset, the particular features of personal data and possible justifications for legal intervention are to be explored from the perspective of ethics, economics, social sciences, engineering and data protection research.

Program, Tuesday June 27th, 8h30-11h30 – session B

Organised by University of Turin

Chair Ugo Pagallo, University of Turin; **Moderator** Massimo Durante, University of Turin

Panel: Thomas Burri, Thomas Gruber, Giulia Pagallo, Serena Quattrocolo.

8h30-8h45 – Introduction: Ugo Pagallo & Massimo Durante, University of Turin

8h45-9h15 – Thomas Burri, University of St. Gallen

9h15-9h45 – Serena Quattrocolo, CTLS London – University of Eastern Piedmont

9h45-10h15 – Giulia Pagallo, Apple

10h15-10h45 – Thomas Gruber, Apple

10h45-11h00 – General discussion

Poster

11h00-11h15 – Paola Aurucci, University of Eastern Piedmont

11h15-11h30 – Jacopo Ciani Sciolla, University of Turin