PRIVACY ENGINEERING RESEARCH AND THE GDPR
A TRANS-ATLANTIC INITIATIVE

November 10, 2017 • University of Leuven,
Parthenonzaal (Mgr. Sencie Instituut MSI 1 03.18),
Erasmusplein 2, 3000 Leuven, Belgium

Presented by

AGENDA

9:30 – 10:00	**Registration**
10:00 – 10:15	**Welcome & Introductions** • **Giovanni Buttarelli,** *European Data Protection Supervisor* • **Wojciech Wiewiorowski,** *Assistant European Data Protection Supervisor*
10:15– 11:00	**Keynote session** • **Norman Sadeh,** Professor of Computer Science and Co-Director, Privacy Engineering Program, *Carnegie Mellon University (CMU)*
11:00– 12:15	**Panel Discussion** **Moderator: Claudia Diaz,** Professor in the COSIC research group of the Department of Electrical Engineering *(ESAT), KU Leuven* • **Josep Domingo-Ferrer,** Professor of Computer Science, Chairholder of the UNESCO Chair in Data Privacy, and ICREA-Acadèmia Researcher, *Universitat Rovira i Virgili* • **Jaap-Henk Hoepman,** Professor in the Digital Security group at the Institute for Computing and Information Sciences and Scientific Director of the Privacy & Identity Lab, *Radboud University Nijmegen* • **Naomi Lefkovitz,** Senior Privacy Policy Advisor in the Information Technology Lab at the National Institute of Standards and Technology, *U.S. Department of Commerce* • **Simon Hania,** Vice President Privacy & Security / Corporate Privacy Officer, *TomTom* • **Javier Salido,** Principal Program Manager, *Microsoft Corp*.
12:15 – 13:15	**Lunch Break**

13:15– 14:45	**Breakout Sessions** Below are proposed themes for the breakout sessions. Themes are subject to change based on demand. • **State of the Art:** How is the state of the art of privacy engineering defined and who defines it? What PET tool boxes can be used for developers, corporate decision makers and supervisory bodies? What data-driven risk assessment frameworks for implementing Privacy by Design in data science and big data analytics already exist? How can these be improved? • **Consent:** There are detailed parameters for obtaining valid consent under the GDPR and the future ePrivacy Regulation, creating important challenges for sectors such as ad technology, mobile apps, connected cars, and smart devices. What can engineering contribute, and what should solutions look like? • **De-identification:** How can different levels of de-identification techniques be used or further developed to effectively advance the obligations under the GDPR? • **Transparent and interpretable processing:** How can data mining and machine learning methods be made transparent and interpretable? For revealing the logic 'behind the algorithm' and accountability: what exactly should be revealed and how? How can we ensure these methods correspond to GDPR requirements and are understandable to the relevant groups of users? • **Challenges arising from development and deployment practice:** How can PETs and data protection by design methodologies be integrated into existing software development approaches (especially agile software development)? With software production and use phases collapsing, users are integral to experimentation, developers are users themselves, and usability becomes central. Different requirements may be commensurate, complementary, and contradictory. How can we design and evaluate for users and for a democratic society?
14:45 – 15:15	**Coffee Break**
15:15 – 16:15	**Breakout Session Reports** • Each breakout group will present findings and suggested next steps
16:15 – 16:30	**Conclusions**
16:30 – 17:00	**Closing Keynotes**
18:00	**Dinner to follow the Workshop at Domus** **(This is a self-paying dinner – for information about the restaurant, visit domusleuven.be)**