

CURRENT
POSITIONS

Imperial College London, United Kingdom
Associate Professor of Applied Mathematics and Computer Science (UK: Senior Lecturer), 2020-now
Assistant Professor (UK: Lecturer), 2017-2020

Head of the Computational Privacy Group, Dept. of Computing
Director of the Algorithmic Society Lab, Data Science Institute

European Commission, Brussels, Belgium
Special Adviser on AI, Privacy, and Data Protection to Commissioner Reynders (Justice), 2020-2021

Belgian Data Protection Authority, Brussels, Belgium
Parliament-appointed member, 2019-2024

PREVIOUS
POSITIONS

European Commission, Brussels, Belgium
Special Adviser to Commissioner Vestager (Competition), 2018-2019

Massachusetts Institute of Technology, Cambridge, MA
Research Affiliate, *Media Lab*, 2017-2019
Research Scientist, *Media Lab*, 2016-2017
Post-doctoral researcher, *Media Lab*, 2015-2016

Harvard University, Cambridge, MA
Post-doctoral researcher, *Harvard IQSS and Computer Science*, 2015-2016
Supervision: Latanya Sweeney, Gary King

The Boston Consulting Group, Boston, MA
Intern, Strategic Analytics (now BCG Gamma), Summer 2014

EDUCATION

Massachusetts Institute of Technology, Cambridge, MA
Ph.D., *Media Lab*, 2010-2015
Thesis: “Computational Privacy: Towards Privacy-Conscientious Uses of Metadata”
Committee: Alex (Sandy) Pentland (Advisor), Gary King, and Alessandro Acquisti

Université catholique de Louvain, Belgium
M.Sc. in Applied Mathematics, 2007-2009
Major in Discrete mathematics and Computer Science
Thesis: “Stability in society: Parameters for the persistence of social network”
Advisors: Vincent D. Blondel and Nathan Eagle
Visiting researcher at the Santa Fe Institute, NM

Katholieke Universiteit Leuven, Belgium
M.Sc. Mathematical Engineering, 2007-2009

École Centrale Paris, France
Centralien (M.Sc.), 2005-2007

Université catholique de Louvain, Louvain-La-Neuve, Belgium
B.Sc. in engineering, 2003-2006

AWARDS AND COMMITTEES	<p>Member of the (UK) Geospatial Commission Oversight Group, 2021</p> <p>Concurrence Antitrust Writing Awards (for Competition Policy for the digital era w/ Jacques Crémer and Heike Schweitzer), 2020</p> <p>Member of the World Economic Forum’s Data for Common Purpose Initiative (DCPI)</p> <p>The [Imperial College] President’s Awards for Excellence in Research, 2019</p> <p>Member of the jury for the CNIL/INRIA award for research on privacy protection, 2016, 2017, 2018, 2019</p> <p>Honorable Mention in the UN Global Pulse’s Data For Climate Challenge, 2017</p> <p>Member of the IEEE Global Initiative for Ethical Considerations in Artificial Intelligence and Autonomous Systems, 2015-2018</p> <p>Member of the World Economic Forum network on AI, IoT and the Future of Trust, 2016</p> <p>Member of the OECD Advisory Group on Health Data Governance, 2015</p> <p>Innovators under 35 for Belgium (TR35), 2015</p> <p>Amazon Graduate Research Symposium (declined), 2014</p> <p>MIT-Imperial Global Fellow, 2013</p> <p>MIT Harold Horowitz Award, 2012</p> <p>Fellow of the B.A.E.F. foundation (Firmin van Brée Fellow), 2010</p>
RECENT INVITED TALKS	<p>02/2021 Florence School of Regulation - The Digital Governance Challenge Workshop</p> <p>01/2021 Toulouse School of Economics - 14th Digital Economics Conference</p> <p>10/2020 [French] Conseil d’État - Colloque sur la gouvernance et régulation des données (Invited Speaker)</p> <p>09/2020 Statistical Inference for Network Models symposium @ NetSci2020 (Invited Speaker)</p> <p>05/2020 UNHCR - Improving data access on forced displacement (Invited expert)</p> <p>12/2019 CRA Annual Conference, Antitrust in Times of Upheaval (Invited speaker)</p> <p>11/2019 TPD 2019 - Theory and Practice of Differential Privacy (Invited speaker)</p> <p>10/2019 Maastricht University Law Tech Lab (Keynote speaker)</p> <p>05/2019 Mentor Group - Brussels Forum (Invited speaker)</p> <p>01/2019 Shaping competition policy in the era of digitisation, European Commission (Panel chair)</p> <p>10/2018 BITP’s 25th year (Keynote speaker)</p> <p>05/2018 InfoSecurity (Keynote speaker)</p> <p>01/2018 Royal Academies for Science and the Arts of Belgium (Invited Speaker)</p>
PHD STUDENTS	<p>Florent Guepin, Membership inference attacks, 2021-</p> <p>Ana-Maria Cretu, Adversarial machine learning, 2018-</p> <p>Shubham Jain, Fairness in algorithmic decision-making, 2018-</p> <p>Axel Oehmichen, Privacy-preserving data processing platforms, 2017-</p> <p>Andrea Gadotti, Attacks on privacy-preserving systems, 2017-</p> <p>Florimond Houssiau, On the robustness of noise addition mechanisms for privacy, 2017-</p> <p>Arnaud Tournier, Biometrics for big data, 2017-</p> <p>Ali Farzanehfar, Privacy of high-dimensional datasets, 2016-</p> <p>Luc Rocher, Anonymization in the 21st Century: A Critical Examination of De-identification for Modern Large-Scale Data, 2015-2019 (co-supervised with Julien Hendrickx at UCLouvain)</p>