

Thomas Maillart

Geneva School of Economics and Management (GSEM) - *University of Geneva (UNIGE)* – 60%
Boulevard du Pont D'Arve 40, 1205 Geneva, Switzerland.
Faculty of Medicine (FacMed) - *University of Geneva (UNIGE)* – 20%
Chemin des Mines, 19, 1202 Geneva, Switzerland.

E-mail thomas.maillart@unige.ch

Phone +41 (76) 375 – 8949

Family Married; 2 children: Octave Gulliver (9) and Balthazar Sindbad (6)

ORCID <https://orcid.org/0000-0002-5747-9927>

Google Scholar <https://scholar.google.ch/citations?user=8qiZ3zMAAAAJ&hl=en>

Education

2013 – 2016 Post-Doctoral Fellow, School of Information, **UC Berkeley**.
2013 – 2016 Affiliate Member of the Berkeley Institute of Data Science (BIDS), **UC Berkeley**
2011 – 2013 Post-Doctoral Research Fellow, Centre for Law and Economics, **ETH Zurich**.
2007 – 2011 Doctor of Science (Ph.D.), **ETH Zurich**.
PhD Supervisors: Profs. Didier Sornette and Georg von Krogh.
1999 – 2005 Master of Science (M.Sc.), **EPFL**.

Employment history

2023 – Co-Director, Geneva Responsible Entrepreneurship Center, Institute of Management (GSEM), **UNIGE**.
2022 – Senior Lecturer, Faculty of Medicine, **UNIGE**.
2017 – Senior Lecturer, Geneva School of Economics and Management, **UNIGE**.
2017 – 2023 Head of Hands-on Learning, Geneva-Tsinghua Initiative, **UNIGE**.
2017 – 2024 Co-founder and President, **Open Geneva** Association, Geneva, Switzerland (volunteer activity)
2016 – 2017 Senior Researcher, Information Science Institute & Centre Universitaire Informatique, **UNIGE**.
2013 – 2016 Postdoctoral Researcher, School of Information, **UC Berkeley**.
2011 – 2013 Postdoctoral Researcher, Center for Law & Economics, **ETH Zurich**.
2007 – 2011 Doctoral Researcher, Department of Management, Technology and Economics, **ETH Zurich**.
2005 – 2007 Co-founder and Managing Director, **IRIS Internet Risk Insurance Services Inc.**

Approved research projects

2025 – 2026 AI-Driven Scientific Foresight: Modeling Concept Evolution for Predicting Emerging Breakthroughs (**CHF 62,210**); Principal Investigator. Funded by *armasuisse Science + Technology*.
2022 – 2027 Horizon Europe - ULTIMO (**CHF 850,000** for **Open Geneva** out of **CHF 40 million**); Principal Investigator (through Open Geneva). Granted by the *European Commission*, funded by *SERI*.
2022 – 2023 Quantitative Cybersecurity Technology Forecasting (**CHF 145,623**); Principal Investigator. Funded by *armasuisse Science + Technology*.
2021 – 2025 Digital Phenotyping of Autism Spectrum Disorders in Children (**CHF 1,672,580**); Project Partner. Funded by the *Swiss National Science Foundation – Sinergia*.
2020 – 2022 Technology Forecasting and Market Monitoring for Cyber-Defence. (**CHF 293,698**); Principal Investigator. Funded by *EPFL Research*.
2020 – 2022 Impact Hackathons Asia Pacific (**CHF 300,000**); Principal Investigator. Funded by the *Swiss Development and Cooperation Agency*.
2020 Future of Teleconferencing (**CHF 15,000**); Main co-applicant. Funded by *Commission Informatique UNIGE*.
2018 Encoding and anonymizing social scenes (**CHF 15,000**); Main co-applicant. Funded by *Commission Informatique UNIGE*.
2016 - 2017 The Social Bio-Sensory Laboratory (**CHF 100,000**); Principal Investigator. Funded by the *Swiss National Science Foundation*.
2015 Exploring and Modeling “Thought Privacy” Risks with Low-Cost Brain Scanners (**CHF 50,000**); Post-Doctoral Return Career Grant. Funded by the *Swiss National Science Foundation*.

2013 Measuring incentives for attacks & security and managing cyber risk (**CHF 110,000**); Post -Doctoral Advanced Mobility Career Grant. Funded by the *Swiss National Science Foundation*.

2013 Measuring incentives for attacks & security and managing cyber risk (**CHF 110,000**); Post-Doctoral Early Mobility Career Grant. Funded by the *Swiss National Science Foundation*.

2013 Innovedum Grant (**CHF 180,000**); Funded by *ETH Zurich* (with Didier Sornette).

2012 Swiss Innovation Agency (**CHF 220,000**); With Didier Sornette.

Supervision of PhD and post-doctoral students

2021 – Sébastien Gillard (PhD candidate); Thibaut Chataing (PhD candidate); Sara Seyed Akhavan (PhD candidate)

2020 – 2022 Dimitri Percia David (Post-Doctoral Researcher) *Technology Forecasting and Market Monitoring for Cyber-Defence*; Dimitri Percia David is now Associate Professor at HES-SO Sion/Sierre, Switzerland.

2018 – 2019 Olivia Döll (Doctoral Researcher) *Four Essays in Behavioral Economics and Information Security*, defended on July 10, 2019, at the Geneva School of Economics and Management (co-supervised with Prof. Kerstin Preuschoff).

Supervision of master theses (last 10 years)

2024 Sara Seyed Akhavan, Lorena Rota, Karen Zhou, Sihui Lu, Yuxuan Xiang **2023** Natalie Joray, Jodie Jimenez, Jiawei Liu; **2022** Shreyasvi Natraj, Sonia Bouhali, Juliette Gailly, Pingpanya Phommilath; **2020** Afroditi Anastasaki, Aline Kreis, Lisanne Jong, Fatime Ahmeti, Adrian Gründer; **2019** Daniela Sanchez, Lydie Boufflers; **2018** Azmira Bajra; **2014** Maximilian Klein.

Summary of teaching activities

Taught classes on open *innovation and entrepreneurship* at the Master and PhD levels (at ETH Zurich, UC Berkeley, University of Geneva), on *innovation, philanthropy and sustainable development* (University of Geneva), on *cyber risks* (ETH Zurich, UC Berkeley and University of Geneva) and on *knowledge organization systems* (University of Geneva). Member of the Scientific Committee of the Master in Innovation, Human Development and Sustainability (2017- present)

Peer review activities

IEEE Transactions on Computational Social Systems, Management Science, MIS Quarterly, California Management Review, Physica A, Journal of Economic Dynamics and Control, Computer-Supported Collaborative Work (CSCW), Conference on Collective Intelligence, International Conference on Machine Learning, ACM Sigmetrics W-PIN + NetEcon, ACM Conference on Human Factors in Computing Systems (CHI), AAAI Conference on Web and Social Media (ICWSM), Swiss National Science Foundation, ETH Zurich, Workshop on Economics of Information Security (WEIS), Journal of Empirical Software Engineering, Journal of Cybersecurity, Fonds de Recherche du Québec – Nature et Technologies (FRQNT).

Conference organization

HackTheHack 2023 Int'l conference on hackathons (general co-chair), Geneva, Workshop on Economics of Information Security, WEIS'2023, Geneva (general chair); International Conference on Critical Information Infrastructures Security CRITIS'21 (general chair); Geneva Dialogue (2018, 2021); Algorithmic Design for Hybrid Collective Intelligence, *Satellite Conference on Complex Systems, Cancun, Mexico*, September (2017); Workshop on Open Science for an Open Society, *Satellite Conference on Complex Systems, Amsterdam, The Netherlands*, September (2016); Workshop on Systems Resilience in the Digital Society, *NetSci Conference*, UC Berkeley (2014). Hackathon on Earthquake Resilience, Swissnex, San Francisco (2014). Collective Intelligence, Santa Clara (2015).

Professional service

2020 - Co-chair of the open innovation work group for the United Nations Institute for Training and Research (UNITAR) University Global Coalition for Global Goals.

Awards and distinctions

2022 Nominated for the Yidan Prize for Education Development, the “Nobel Prize” in Education, endowed with HK\$30 million (around US\$3.9 million); **Innovative Teaching Award** by the Geneva School of Economics and Management (CHF 3,000); **2015** Finalist (rank #2) for the Faculty Job Search in System Dynamics, **MIT Sloan School of Management**; **2011** Zurich Dissertation Prize (CHF 15,000) for best ETH Zurich PhD dissertation in risk management; **2011** Nominated for the **ETH Medal** for best ETH Zurich PhD dissertation; **2010 Highlight in Nature** for Maillart, T et al., Empirical tests of Zipf's law Mechanism in Open Source Linux Distribution, *Physical Review Letters*, **101**, 218701, 2008.