

# CURRICULUM VITAE

Dr. Dr. Matthias P. Finger

Full Professor and Chair, Management of Network Industries (MIR),  
Institute of Technology and Public Policy (ITPP), College of Management of Technology  
(CdM), Ecole Polytechnique Fédérale Lausanne (EPFL)  
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## Narrative of Achievements

Matthias P. Finger received a PhD in Education in 1986 and a PhD in Political Science in 1988 both from the University of Geneva, Switzerland. His career led him to be an Assistant Professor at Syracuse University, an Associate Professor at Columbia University, a Full Professor at the Swiss Graduate Institute of Public Administration and, since 2002, a Full Professor and Chair at the Ecole Polytechnique Fédérale Lausanne (EPFL) in Switzerland. Since 2010, he serves as the Director of the Florence School of Regulation's Transport Area and as such is a part-time professor (10%) at the European University Institute in Florence, Italy. As of 2018, he is a visiting professor at Istanbul Technical University, Istanbul, Turkey.

Prof. Finger's achievements in research, teaching, and service are summarized as follows:

- Received more than 8 Mio. USD in research grants, among which a 2,1 Mio. EU grant on water liberalization scenarios.
- Graduated, since being at EPFL (2002), 20 PhD students, numerous masters and executive masters students, and currently advises 8 PhD students; sat on 30 PhD committees since being at EPF
- Authored, co-authored, edited or co-edited 27 books, 87 refereed journal articles, 81 book chapters, as well as numerous non-peer-reviewed chapters and conference papers
- Has developed a global executive master in Innovative Governance of Large Urban Systems which runs since 2014
- Teaches two Massive Open Online Courses (MOOCs) on the Coursera and EdX platforms (Management of Urban Infrastructures, Smart Cities, GlobalArctic forthcoming)
- Has been actively involved in University service, among which as Dean of Continuing Education between 2003 and 2009, and since 2014 as Director of EPFL's Institute of Technology and Public Policy

- Serves as an editor-in-chief of the Journal *Competition and Regulation in Network Industries* (Sage) and related Annual Conference. Serves on the editorial board of *Utilities Policy*, in charge of special issues (Elsevier)

## Personal Data

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**Name:** Matthias P. Finger  
**Title:** Professor and Chair Management of Network Industries  
**Date of birth:** July 11, 1955  
**Citizenship:** Switzerland, France  
**Contact:** EPFL-CdM-ITPP-MIR, ODY 3.03, Station 5, 1015 Lausanne, Switzerland; Tel.: +41.21.693.00.01; Fax: +41.21.693.00.80; Email: [matthias.finger@epfl.ch](mailto:matthias.finger@epfl.ch)

## Education

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1984-1988     **PhD in Political Science**  
University of Geneva, Geneva, Switzerland  
Advisor: Prof. Dusan Sidjanski

1982-1986     **Ph.D. in Education**  
University of Geneva, Geneva, Switzerland  
Advisor: Prof. Pierre Dominicé

1982-1985     **M.A. in Education**  
University of Geneva, Geneva, Switzerland

1979-1982     **M.A. in Political Science**  
University of Geneva, Geneva, Switzerland

1975-1978     **B.A. in Political Science**  
University of Geneva, Geneva, Switzerland

## Administrative Experience

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- 2014- **Director**, Institute of Technology and Public Policy, Ecole Polytechnique Fédérale Lausanne (EPFL), Switzerland  
As Founding Director I am currently building up this Institute at the interface between technology and policy. <http://itpp.epfl.ch>
- 2002- **Swiss Post Chair**, Management of Network Industries, College of Management of Technology, Ecole Polytechnique Fédérale Lausanne (EPFL), Switzerland  
As Founding Chair, I started this Chair in Fall 2002; I specialize in the study of the transformation, regulation, and governance of the network industries (postal services, telecommunications, electricity, public transport, water, air transport, and gas). The Chair itself is sponsored by Swiss Post and occupies a particular niche at the interface between engineering and social sciences, between theory and practice, as well as between the public and the private sector. <http://mir.epfl.ch>
- 2010- **Director**, Transportation Area, Florence School of Regulation, European University Institute, Florence, Italy  
I head the third area of infrastructure regulation and policy (next to the areas of energy and communications) within the Florence School of Regulation. The main focus is on policy relevant research for the European Commission, training for European and other transport regulators, and networking. The area is entirely sponsored by industry. We publish a so-called “European Transport Regulation Observer”, along with the summaries and analyses of our regular stakeholder meetings covering railways, air transport, urban public transport and road transport, and are now also taking up maritime transport. [www.florence-school.eu](http://www.florence-school.eu).
- 2003-2009 **Dean**, School of Continuing Education, EPFL, Switzerland  
As Dean I had taken on the task of restructuring the existing programs and building up a full-fledged School of Continuing Education (next to the Doctoral School and the Masters/Bachelor School) with the purpose of making it client-oriented, financially self-sustaining, and fully aligned with the strengths and strategy of the University. I chose not to renew my Deanship for another 6-year period.
- 2003-2008 **Co-Director**, Sino-Swiss Management Training Center, University of St. Gallen, Switzerland  
This center was set up in 2003 as a result of obtaining a 10 Mio. CHF grant from the Swiss Development Cooperation (SDC) to support public sector and public enterprise reform in China by means of

training and advising the China Training Center for Senior Personnel Management Officials (CTCSPMO) in Beijing. I chose not to renew my contract after five years of service. The program continues till today.

- 1995-2002      **Director**, Management of Public Enterprises Unit, Swiss Graduate Institute of Public Administration, Lausanne, Switzerland  
As Founding Director, I created this Unit in 1995 and developed it into a team of five full-time researchers, serving 20 Masters Students (M.A. projects) and 2-3 doctoral students annually. The Unit operated with an annual budget of approximately \$500,000, which was financed through sponsorship (Swiss Post), consultancy services, and research contracts. I quit the Institute after having been appointed at EPFL.
- 1997-1999      **CEO**, CreaPost Consulting, Berne, Switzerland  
In 1997, Swiss Post decided to set up an independent consulting firm, and I was selected to become its CEO and Executive Board member. As such, I have managed this subsidiary of Swiss Post specializing in research, development and international postal (logistics and communications) consulting with an annual budget of approximately \$2 Million. I developed a strategy for international consulting, signed a Memorandum of Understanding with the British Postal Consultancy Service (BPCS, the market leader), acquired a substantial contract with BPCS on the reform of the Greek Postal Service, and positioned CreaPost internationally. As a result of a change in leadership at Swiss Post, this subsidiary was closed and integrated back into the mother firm.
- 1993-1994      **Director**, Adult Education Guided Independent Study (AEGIS), Teachers College, Columbia University, New York  
After having taken over the direction of the AEGIS program in 1993, I developed a new vision and strengthened AEGIS' reputation as an innovative doctoral program for working adults in leadership positions. I focused, in particular, on developing the linkage between theory and practical applications. I also managed to attract leading scholars as adjunct faculty. The AEGIS program continues until today.
- 1991-1992      **Manager**, International Academy of the Environment, Geneva, Switzerland  
In the context of preparing for the United Nations Conference on Environment and Development (UNCED, 1992), I designed training modules for decision makers on issues of global environmental change and development. The unique approach to these training modules resulted in the participation of experts and decision-makers from different and at times conflicting viewpoints, who, during the course of

the training, were able to understand their different perspectives and develop common positions.

## Academic Faculty Experience

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2002-present	<b>Full Professor</b> Ecole Polytechnique Fédérale Lausanne (EPFL), Lausanne, Switzerland; I was hired as full tenured professor
2010-present	<b>Part-time Professor (10%)</b> European University Institute, Florence, Italy.
1995-2002	<b>Full Professor</b> Swiss Graduate Institute of Public Administration, Lausanne, Switzerland; I was hired as full tenured professor
1992-1994	<b>Associate Professor</b> Teachers College, Columbia University, New York, USA; did not apply for tenure
1989-1991	<b>Assistant Professor</b> Maxwell School of Citizenship and Public Affairs (50%) and School of Education (50%), Syracuse University, Syracuse, New York, USA; this was a non-tenure track position
1986-1989	<b>Lecturer</b> Department of Political Science, University of Geneva, Geneva, Switzerland

## Visiting appointments (past 4 years)

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2018	<b>Visiting Professor</b> , Istanbul Technical University, Faculty of Management
2015	<b>Visiting Professor</b> , Tecnologico de Monterrey, Guadalajara Campus, Mexico
2012	<b>Visiting Professor</b> , Faculty of Social Sciences, Bahçeşehir Üniversitesi, Istanbul, Turkey

## Areas of research

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I pursue the following four main research interests:

- In the area of the **network industries**, which is my main research area, I am researching (1) the co-evolution between institutions and technology, the idea being to establish an empirically verifiable link between a given state of technology, a state of institutional governance, and performance (in these infrastructures). (2) More precisely, I am interested in the governance of infrastructures as socio-technical systems. Intellectually grounded in new institutional economics, I am seeking to develop efficient, effective, and legitimate governance by identifying the most relevant actors for such governance (public, private, third sector), as well as their optimal relationships (in regards to efficiency, effectiveness, and legitimacy). (3) More concretely, I apply such considerations to the regulation of the network industries in the communications, the transport, the energy, and the water sectors. This is the research area I am best known for. (4) Finally, and building also on my previous position as Professor of management of public enterprises, I continue my interest in matters of firm behavior and strategy under regulation, whereby I study the way regulated companies (mainly in the infrastructures) develop their so-called non-market strategies aimed at shaping their regulatory environment. See: [www.network-industries.org](http://www.network-industries.org)
- Holding the Swiss Post Chair in Management of Network Industries, and before the Swiss Post Chair in Management of Public Enterprises, I have developed a solid competence about the **postal industry**, and I am probably today the world's leading expert on postal services, their regulation, and their rapid transformation, first as a result of competition and, since the past 10 years, also as a result of digitalization. Building also on my previous expertise in matters of e-government, this has triggered, more recently, a strong research interest on the effects of **digitalization** on posts, logistics and infrastructures more generally. See: <http://postal-innovation.epf.ch>
- I have developed, over the past five years, a new research area in matters of **governance of large urban systems**. While building on my expertise in network industries, I have taken urban socio-technical systems as the focus of analysis, considering them to be the most relevant unit where current infrastructure problems arise and are/must be solved. I pursue this interest by way of a global action-research project together with all the relevant actors, namely city governments, urban infrastructure managers, suppliers and Universities. See: [www.iglus.org](http://www.iglus.org)
- I have a long-standing research interest in matters of **environment and development**, dating back to my publications around the Rio-process (1992) and

subsequent critical publications on the unsustainable development path of industrial societies. I have recently come to focus this interest on the Arctic region around a collective research project entitled *GlobalArctic*. See: [www.globalarctic.org](http://www.globalarctic.org)

**Grants, contracts, and proposals** (only funded grants, chronological):  
overall more than 8 Mio. USD

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Under EPFL rules, the only way to spend research money is for funding PhD students. Most of my PhD students are funded either by my EPFL budget, by Swiss Post or by other firms or organizations, thus reducing somewhat the pressure apply for research funding.

1. Principal investigator: Infrastructure funding challenges in the sharing economy (Study for the European Paliament) from 2016-2017 (55'000 €)
2. Co-principal investigator: Integration of the Swiss public transport system into the regulatory context (with Prof. Ulrich Weidmann, ETHZ); SBB Research Fund, 2014-2015 (45'000 CHF)
3. CHANGE: Swiss (CH) Applied Research Network on the Economics and Governance of the Energy Transition (Consortium); one PhD student from 2014 to 2017 (approx. 300'000 CHF); this funding has just be renewed for another 4-year period (2018-2020)
4. IGLUS – Innovative Governance of Large Urban Systems: Guadalajara as a case study for Latin American Cities (Swiss State Secretariat for Education and Research, Bilateral Programme with Mexico), 2012-2013, 160'000 USD
5. Co-principal investigator : Rail performance index, financed by SNCF (Société Nationale des Chemins de Fer, France), 2012-2015, 75'000 Euros for my part
6. Co-principal investigator: Adressing Liability Impact of Automated System (ALIAS), EU 7<sup>th</sup> Framework Program, 2011-2013, 25'000 Euros for my part
7. Principal investigator: incentive-based governance of the Swiss railway policy, SBB Research Fund (Swiss Railway Company), 2011-2012 (18 months), 170'000 CHF
8. Principal investigator: Governance of Competition in the Swiss Railway Sector, SBB Research Fund (Swiss Railway Company), 2010-2011, 100'000 CHF

9. Partner: EU Project Think Tank Energy (directed by Prof. Jean-Michel Glachant, Florence School of Regulation); in charge of a policy document for the European Commission on Transport and Energy, 2009-2011; Euros 22'000 for my part
10. Co-principal investigator: Project "Performance and change in the local water sector (Switzerland, Germany, England)", joint project with Prof. Andreas Klinke, EAWAG, financed by the Swiss National Science Foundation, 2009-2011; 217'000.- CHF
11. Co-principal investigator: Project "Customs Risk Management", joint project with Prof. Ari-Pekka Hameri, University of Lausanne, financed by the Swiss National Science Foundation, 2008-2010; 215'000.- CHF.
12. Partner: Project "Next Generation Infrastructures", joint project with TU Delft, Paris I Sorbonne, George Mason University financed by NGI-TU Delft; 2007-2008; 100'000.- Euros for my part
13. Partner: Project "TetraEner" (Optimal balancing of demand and supply through RES in urban areas), Integrated project, EU 6th Framework Programme, Priority 6.1. "Sustainable Energy Systems", 15'000.- CHF, 2005-2007
14. Co-Principal Investigator (with Prof. H. Dietl, University of Zürich): Research grant from the Swiss National Science Foundation on "Postal regulation and enterprise innovation", 400'000.- CHF, 2005-2007
15. Director: Capacity-building for the Institute for Environment and Resources (IER), Ho Chi Minh City, Vietnam (EPFL Technical Cooperation project), 1,1 Mio. CHF, 2005-2007
16. Principal Coordinator: "Water liberalisation scenarios: an empirical analysis of the evolution of European water supply and sanitation sectors". EU research grant 5th Framework Programme, approx. 2,4 Mio. Euros, 2002-2005
17. Partner: Capacity-building for the Institute for Environment and Resources (IER-CEFINEA), Ho Chi Minh City, Vietnam (EPFL Technical Cooperation project), 250'000.- CHF, 2002-2004
18. Principal Investigator: Comparative study on the effectiveness of telecommunications' regulators. Swiss Federal Office of Telecommunications, Bienne, Switzerland, 120'000 CHF, 2002-2003
19. Principal Co-investigator: Evaluation of e-government efforts in the Americas and Western Europe. A Collaborative Research Project between the Information and Computing Technology Group of the Maxwell School of Syracuse University and



the E-Government Research Institute of the University of Seoul, approx 3'000.- USD, 2002

20. Principal Coordinator in Switzerland and Swiss Delegate to the European Commission COST A14 Action (e-government), approx. 500'000.- CHF (in Switzerland), 2002-2003
21. Principal Co-Investigator: small Research Grant to study electricity liberalization in Europe under the auspices of the Norwegian School of Business. I was in charge of one of three sections of a book resulting from this research project, and which will address electricity regulation, Oslo, Norway, 10'000 CHF, 2000-2002.
22. Principal Investigator: Research Grant to investigate the practices of e-voting in Europe, Swiss Federal Office for Science and Education and European Union COST A14 Program, Berne, Switzerland, 2001, CHF 120'000.
23. Principal Investigator: Research Grant to establish a position paper for IUCN on "Comprehensive Governance", World Conservation Union (IUCN), Gland, Switzerland, 1999-2000, CHF 30'000.
24. Principal Investigator: Research Grant to analyze the impact of new transport legislation on regional transport operators, Swiss Postal Car Services, Berne, Switzerland, 1997-1999, CHF 150'000.
25. Principal Investigator: Research Grant "Organizational and interorganizational learning towards sustainability", Swiss National Science Foundation, Berne, Switzerland, 1996-1999, CHF 470'000.
26. Principal Investigator: Grant to Transfer Results from Previous Research (see next point) into Practice, Swiss National Science Foundation, Berne, Switzerland, 1993-1994, CHF 50'000.
27. Principal Investigator: Research Grant "Environmental Organizational Learning", Swiss National Research Foundation, Berne, Switzerland, 1991-1993, CHF 200'000.
28. Co-Investigator (with Thomas Princen): Research Grant "Environmental NGOs in International Politics", Canadian Government, Ottawa, 1991-1992, US\$ 17'000.
29. Principal Investigator: Research Grant "Environmental Adult Learning", Swiss National Science Foundation, Berne, Switzerland, 1991-1992, CHF 105'000.

30. Co-Investigator (with Pascal Sciarini): Research Grant “Changing Political Behavior in Switzerland”, Swiss Society for the Promotion of the Economy, Zurich, Switzerland, 1990, CHF 50'000.

## **Student advising (current and past since 2007)**

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### **PhD Students on Track: 8**

1. Audouin, Maxime, “Mobility as a service” (Management of Technology), EPFL, director, approximate graduation date 2018 (financed by my Chair)
2. Bücheler, Pascal, “The internet of postal things” (Management of Technology), EPFL, director, approximate graduation date 2019 (financed by Swiss Post)
3. Haas, Astrid, “Land taxes and housing financing in Uganda” (Management of Technology), EPFL, director
4. Liechti, Fabian, “Conflicting accountabilities of State-Owned Enterprises vis-à-vis government” (Management of Technology), EPFL, director, approximate graduation date 2018 (financed by Swiss Post)
5. Shen, Jiayun, “Measuring smart cities performance” (Management of Technology), EPFL, director, approximate graduation date 2019 (financed by Swiss Post)
6. Sudarkasa, Michael, “Financing of energy infrastructures in Africa” (Management of Technology), EPFL, director, approximate graduation date 2019 (self-financed)
7. Van Baal, Paul, “Governance of urban energy systems” (Management of Technology), EPFL, director, approximate graduation date 2019 (financed by Services Industriels de Genève, Geneva public utility)
8. Zeki, Engin, “Centralized services for the Single European Sky” /Management of Technology), EPFL, director, approximate graduation date 2019 (financed by Eurocontrol, Brussels)

### **PhD students graduated since being at EPFL: 20**

1. Verhoog, Reinier, “Governance of Energy Transition” (Management of Technology), EPFL, director, (financed by CHANGE research project), defended February 2018

2. Oberrauch, Felix, “Institutions for investment into hydropower” (Civil Engineering and Environment), EPFL, co-director; defended January 2017
3. Kollara, Kumar, “Diversification of postal operators into electronic services” (Management of Technology); EPFL, director, defended January 2017 (financed by Swiss Post)
4. Rentsch, Carole, “Managing government-SOEs relations” (Management of Technology), EPFL, director, defended December 2016 (financed by Swiss Post)
5. Razaghi, Mohamad, “Conditions for training urban infrastructures managers” (Management of Technology), EPFL, director, defended October 2016 (financed by my Chair)
6. Greinus, Anne "Investments in railway infrastructures" (tentative title, given the early stage of research) (Management of Technology), EPFL, defended December 2015 (financed by Swiss Federal Office of Transport)
7. Männistö, Toni “Mitigating crime risk in the international logistics network – the case of Swiss Post” (Management of Technology), EPFL, director, defended December 2014 (financed by DHL)
8. Dyllick-Brenzinger, Ralf “Energy policy in the Middle East” (Management of Technology), EPFL, defended October 2014 (financed by EPFL’s Energy Center)
9. Lieberherr, Eva " Transformation of Governance in the Water Sector: a comparative performance analysis of Switzerland, Germany and Great Britain" (Management of Technology), EPFL, defended June 2012 (financed by a research project from the Swiss National Science Foundation)
10. Duthaler, Christof "A network- and performance-based zonal configuration algorithm for electricity systems (Management of Technology), EPFL, defended May 2012 (financed by Swissgrid, Switzerland’s TSO)
11. Maegli, Martin "Regulatory institutions in the postal sector: consequences for the behavior of regulators and the costs of regulatory governance" (Management of Technology), EPFL, defended May 2012 (financed by Swiss Post)
12. Crettenand, Nicolas "The facilitation of mini and small hydropower in Switzerland through institutional mechanisms" (Management of Technology), EPFL, defended April 2012 (financed by my Chair)

13. Treviño, Luis "Managing electricity sourcing in Europe's energy intensive industry" (Management of Technology), EPFL, defended July 2011 (financed by CEMEX, Mexican cement company)
14. Iliadis, Niko " Financial risk modeling in electricity portfolio optimization: a stochastic dual dynamic programming approach for hydroelectric assets (Energy), EPFL, defended February 2009; redefended May 2011 and failed (self-financed)
15. Schwark, Bastian "Determinants of firms' strategies in matters of electricity regulation" (Management of Technology), EPFL, defended April 2011 (financed by McKinsey)
16. Abdallah, Farah, "Collaboration and competition in Standard Setting Organizations" (Management of Technology), EPFL, defended November 2010 (financed by the Universa Postal Union, a UN agency)
17. Nguene, Gustave "Strategic options of energy service companies in competitive markets" (Management of Technology), EPFL, defended February 2009 (financed by my Chair)
18. Felisberto, Catia "The effect of liberalisation on incumbent's innovation. The case of the postal sector" (Management of Technology), EPFL, defended May 2008 (financed by my Chair)
19. Mollet, Patrick "Diversification into logistics. Strategies for postal incumbents in Europe" (Management of Technology), EPFL, defended January 2008 (financed by Swiss Post)
20. Manso, Patricia "Reform and risk management in the urban water sector: the role of regulation" (Management of Technology), EPFL, defended October 2007 (financed by my Chair)

**Accompanying EPFL MS students (always combined with an internship in a firm):**

**33**

1. Benali, 2018
2. Catajar, 2018
3. Valentin Terrail (with Swiss Embassy Korea), 2017
4. Maria de Roche (with Almatech), 2017
5. Theophile Verhes (with SIG), 2017
6. Alex Mouradian (with city of Vienna), 2016-2017
7. Shobhna Kondepudi (with Proctor & Gamble), 2016
8. Alejandro Nunez-Jimenez (with ETHZ), 2016

9. Dimitri Gros (with Swiss Railways, SBB), 2016
10. Paul van Baal (with BKW, Swiss electricity producer and distributor), 2016
11. Yasmine Zakari (with Stanford University), 2016
12. Ionita, Costin, Big data (with Philip Morris), 20
13. Agnel, Adrien, Advanced analytics (with Dassault Systems), 2015
14. Audouin, Maxime, Urban transport (with Sunkyunkwan University), 2015
15. Stavroula, Margelou, Adoption of solar energy (with Paul Scherrer Institute), 2015
16. Sanchez-Schmidt, Laura, Bioplastics (with Nestlé), 2013
17. Sarikayali, Sercan, Turkey and the Single European Sky (with Skyguide), 2013
18. Stoenescu, Corina, Distributed energy production and trading (with BKW), 2013
19. Corpataux, Rémy, Strategic options for the Swiss Luxury Watch Industry (with Rolex), 2012
20. Baechler, Serge, Smart Energy Storage (with TotalFina), 2012
21. Rahmadinejad, Mahdi, Broadband in Central Asia (with Informa), 2011
22. Paragis, Ana, Innovation Index for Postal Operators (with Swiss Post), 2009.
23. Tabatabaee, Hanif, Benchmarking and profitability analysis (with IATA), 2009.
24. Tangui, Achraf, e-government services (with Swiss Post), 2009.
25. Cartier, Jérémie, Sustainable Agriculture Plateform (with Nestlé), 2008.
26. Caspar, Olivier, Transport planning (with Car Postal, Swiss Post), 2008.
27. Matei, Ionut, Mail processing (with Swiss Post), 2008
28. Adler, Corinne, Membrane-based Wastewater Treatment in China (with EAWAG, Aquatic Research Institute), 2007.
29. Magnet, Anoyo, Energy sourcing (with Cemex), 2007.
30. Follonier, Sylvain, Telecom-Media convergence (with Sunrise Telecommunications), 2007.
31. Padovani, Alice, Wireless Ground Link Communication Solution (with Easyjet) (2007)
32. Lehmann, Matthieu, Toxic Waste Certification (with Cotecna Inspection), 2007.
33. Demarco, Daniele, Revenue Protection Management (with Swiss Post), 2006

#### **PhD dissertation committees: 30**

1. Bonneville, Jean-Baptiste, “Quel modèle économique pour une offre de transport de voyageurs porte-à-porte?”, Université Paris-Est, defended January 2018 (advisor: Sylvain Zeghni)
2. Doomernik, Jack, “Strategies for international high-speed rail operators in the European passenger transport market”, University of Antwerp, defended April 2017 (advisors: Thierry Vanelslander & Edd van de Voorde)
3. Bornet, Cyril, “Narrative recomposition in the context of digital reading”, EPFL, defended February 2017 (advisor: Frédéric Kaplan)

4. Benedetto, Valerio, “The impacts of regulatory structures on the efficiency of European railway systems”, Leeds University, defended December 2016 (advisors: Andrew Smith and Chris Nash)
5. Monkelbaan, Joachim, “Global Change, Sustainability, Governance: Constructing an Integrative Framework for Steering Transitions”, University of Geneva, defended December 2015 (advisor: Martin Patel)
6. Jafarbegloo, Maryam, „Where is my place? The reflection of home and country on Iranian immigrants’ homemaking”, EPFL, defended November 2015 (advisor: Pierre Frey)
7. Koradi, Pascal, “Ausgestaltung der Finanzberichterstattung als mögliche Erklärungsgrösse für wichtige Werttreiber einer regionalbank”, Universität Zürich, defended September 2015 (advisor: Conrad Meyer)
8. De Maat, Sytse “Symbiosis of people and building” (Architecture), EPFL, co-director, defended September 2015 (advisor: Pierre Frey)
9. Chickhale, Mayur, “A component-based Case Study Approach for effective Governance of Large-Scale Extended Enterprise Systems”, Stevens Institute of Technology, Hoboken NJ, defended April 2015 (advisor: Mo Mansouri)
10. Khansari, Nasrin, “A multi-stakeholder framework for sustainable energy behavior: a multi-disciplinary systems study”, Stevens Institute of Technology, Hoboken NJ, defended April 2015 (advisor: Mo Mansouri)
11. Cabello Llamas, Alan, “Customer-centered innovation processes for small and large firms”, EPFL, defended December 2014 (advisor: Chris Tucci)
12. Ofusu-Adarkwa, Kwaku, “ICT-enabled governance: towards a model of engagement of rural and local communities”, Open University Malaysia, defended December 2014
13. Perennes, Patricia, “Spécificité du secteur ferroviaire et liberalization. L aquestion du signal prix”, Paris 1 – Sorbonne, defended December 2014 (advisor: Claude Ménard)
14. Nuguer, Victoria, “Financial frictions in macroeconomic models: policy analysis from an empirical and theoretical perspective”, EPFL, defended May 2014 (advisor: Luisa Lambertini)
15. Darabi, Hamid, “Governing competition and collaboration”, Stevens Institute of Technology, defended May 2014 (advisor: Mo Mansouri)

16. Muqbil, Burhan "Patent filing behavior and patent portfolio management: a study of Indian Public Funded Research Organizations (PRFOs)", Indian Institute of Technology, defended February 2014
17. Gonzalez, Nancy "Non-market strategies and innovation in the telecommunications sector", Tecnologico de Monterrey, defended January 2014 (advisor: Alejandro Ibarra-Yunez)
18. Scholten, Daniel "Keeping an eye on reliability. The organizational requirements of future renewable energy systems", Delft University of Technology, defended June 2012 (advisor John Groenewegen)
19. Hintsala, Juha "Post-2001 Supply Chain Security – Private Sector Implications", University of Lausanne, defended September 2010 (advisor Ari-Pekka Hameri)
20. Jonker, Martijn "Modernization of electricity networks. Exploring the interrelations between institutions and technology", Delft University of Technology, defended August 2010 (advisor: John Groenewegen)
21. Malhotra, Charu "Design of citizen centric e-governance systems: a study of select ICT based rural systems", Indian Institute of Technology Delhi, defended July 2010 (advisor: K. Gupta)
22. Seppälä, Tiina "Globalizing Resistance: An analysis of the Premises of the 'New' Anti-War Movement in Britain", University of Lapland, defended June 2010 (advisor: Julian Reid)
23. Geambasu, Georgeta "Expect the unexpected: an integrative model of conditions and factors driving the resilience of infrastructure projects", EPFL, defended April 2010 (advisor: Francis-Luc Perret)
24. De Mariz, Christine "Lead procurement agencies in Sub-Saharan Africa", University of Paris 1 – Sorbonne, defended June 2009 (advisor Claude Ménard)
25. Villaroel, Andrei "Open Source Corporate Strategy: Unveiling the firm's open sources of competitive advantage", EPFL, defended June 2008 (advisor: Christopher Tucci)
26. Trinkner, Urs "Applied Industrial and Regulatory Economics – The Case of Liberalizing the Mail Market", University of Zürich, defended November 2007 (advisor Helmut Dietl)

27. Ehrensperger, Marc "Conditions for successful public-private partnerships in civil public construction" (in German), University of St. Gallen, defended October 2007 (advisor Kuno Schedler)
28. Gutierrez, Jimena "«A Model for the Design of Effective and Resilient Supply Chain Security Management Systems", EPFL, defended November 2007 (advisor: Philippe Wieser)
29. Dorvil, Patrick "Privatization of Waste Management Services", University of St. Gallen, defended June 2007 (advisor Thomas Dyllick)
30. Kjellén, Marianne "From public pipes to private hands: water access and distribution in Daar El Salaam", University of Stockholm, defended June 2006 (advisor:Mats Widgren)

**Teaching** (past 6 years, including overall teaching evaluations where available)

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**On-Campus Master courses taught at EPFL**

- Corporate Governance:
  - Spring 2011 (42 hours): Evaluation 5,8/6, best teacher award
  - Spring 2012 (42 hours): Evaluation 5,2/6
  - Spring 2013 (42 hours): Evaluation 5,3/6
  - Spring 2014 (42 hours): Evaluation 5,5/6
  - Spring 2015 (42 hours): Evaluation 5,4/6
  - Spring 2016 (42 hours): Evaluation 5,4/6
  - Spring 2017 (42 hours): Evaluation 5,6/6
- Industry Analysis and Trends, renamed Industry Dynamics, Models and Trends:
  - Spring 2011 (42 hours): Evaluation: 5,3/6
  - Spring 2012 (42 hours): Evaluation: 5/6
  - Spring 2013 (42 hours): Evaluation: 5,3/6
  - Spring 2014 (42 hours): Evaluation 5,3/6
  - Spring 2015 (42 hours): Evaluation 5,3/6
  - Spring 2016 (42 hours): Evaluation 5,3/6
  - Spring 2017 (42 hours): Evaluation 5,6/6

**On-Campus PhD courses taught at EPFL**

- De- and re-regulation of the network industries:
  - Fall 2011 (30 hours): no evaluation
  - Fall 2012 (30 hours): no evaluation
  - Fall 2013 (30 hours): no evaluation
  - Fall 2014 (30 hours): no evaluation
  - Fall 2015 (30 hours): no evaluation



- Qualitative Research Methods:
  - Spring 2011 (42 hours): no evaluation
  - Spring 2012 (42 hours): no evaluation
  - Spring 2013 (42 hours): no evaluation
  - Spring 2014 (42 hours): no evaluation
  - Spring 2015 (42 hours): no evaluation
  - Fall 2015 (36 hours): no evaluation
  - Fall 2016 (36 hours): no evaluation
  - Fall 2017 (36 hours):
- Energy policy and regulation:
  - Spring 2015 (2 hours), as part of an EPFL Master course
  - Spring 2016 (2 hours), as part of an EPFL Master course in energy management
  - Spring 2017 (2 hours), energy regulation
- Anthropology of complexity:
  - Summer 2015 (4 hours), course organized by the Architecture department of EPFL

### **Massive Open Online Courses (MOOCs)**

- *Managing Urban Infrastructures*, online as of February 2016 (Coursera and EdX); so far over 15'000 students
- *Smart cities*, online February 2017 (Coursera and EdX); so far over 14'000 students
- *GlobalArctic*, online April 2018 (Coursera)

### **Teaching at other Universities**

- Regulation of infrastructures in Switzerland (2 hours), February 2018, IHEAP/University of Lausanne
- Rail regulation (2 hours), March 2017, Antwerp Rail School
- Regulatory economics and regulated industries (21 hours), Fall 2017, Istanbul Technical University

### **Past Executive Education programs**

- I have been directing a global executive masters program in electronic governance, whose first edition started in January 2005 and whose fifth edition ended in September 2011. The e-gov executive masters catered to CIOs (Chief Information Officers), CTOs (Chief Technology Officers), and CSOs (Chief Security Officers) in the public, the private and the third sectors and involves 10 residential weeks spread over 5 blocks of two weeks in Mexico, Rwanda, India, Thailand, Macau, Estonia and the EPFL Campus in the Middle East.
- A similarly conceived global executive masters program catering to postal managers was operational between 2009 and 2011 (2 editions) and covered 10 residential weeks in Europe (EPFL, Brussels), Canada, Australia and the EPFL Campus in the Middle East.

### **Present Executive Education program:**

- As of 2014 I have started a global Action-Research program on the Innovative Governance of Large Urban Systems (IGLUS). It is aimed at improving the performance of cities via their better governance. Participants take part in 5 out of 6 2-week action-learning modules (taking place in Mexico City and Monterrey, Istanbul, Kuala Lumpur, Detroit and New York, Seoul, Dortmund and Barcelona), follow a 4-week introductory on-line course (MOOC) and complete a 60-page Master thesis within 2 years, to obtain an Executive Master degree from EPFL. [www.iglus.org](http://www.iglus.org)
- In 2017 I have started an annual Executive Programme on Governing Energy Transition (GET). Its aim is to accompany the energy transition of Switzerland and adjacent countries (mainly Germany). Participants take part in 4 2-day courses, leading to a Certificate of Advanced Studies degree from EPFL. <http://energy-transition.ch/>

### **Organization of workshops & conferences (2015 - 2017)**

As part of my activities at the Florence School of Regulation, I organize Forums and Executive workshops with the European Commission, regulated firms and regulators in the different transport modes. See: [www.florence-school.eu](http://www.florence-school.eu)

- 15<sup>th</sup> Florence Rail Forum (Financing of railway infrastructures), Florence, Italy, November 2017
- Round-table: “Auswirkungen der Digitalisierung auf Behördendienstleistungen und Service Public”, Digitalkonferenz, 20.11.2017, Biel, Switzerland
- Round-table on Resources extraction in the Arctic, as part of the Conference “Globalizing Polar Issues”, 11.-12.9.2017, Crans-Montana, Switzerland
- 6<sup>th</sup> Conference on the Regulation of Infrastructures: Regulatory Challenges for Smart Cities, Florence, Italy, June, 2017
- Executive seminar (Airport charges), Florence, Italy, June, 2017
- Executive seminar (Competition in Railways), Florence, Italy, June, 2017
- 14<sup>th</sup> Florence Rail Forum (Which role for Railway Undertakings in the Mobility of the Future?), Florence, Italy, May 2017
- 9<sup>th</sup> Florence Air Forum (The Single European Sky Performance Scheme), Florence, Italy, May 2017
- 13<sup>th</sup> Florence Rail Forum (Security: a challenge for the Single European Railway Area), Florence, Italy, November 2016
- 8<sup>th</sup> Florence Air Forum (disruptive technologies in air traffic management), Florence, Italy, October 2016
- Executive Workshop for the Directorate General MOVE of the European Commission, Florence, Italy, June 2016 (defining Europe’s road strategy)
- 12<sup>th</sup> Florence Rail Forum (How to define, measure and improve the performance of the European rail system?), Florence, Italy, May 2016
- 4<sup>th</sup> Florence Intermodal Forum (What role for digitalization in order to achieve an intermodal level playing field?), Florence, Italy, February 2016

- 4<sup>th</sup> Infrastructure day (Digitalization of Switzerland) together with the Swiss Minister of infrastructures (Ms. D. Leuthard), November 2015
- 11<sup>th</sup> Florence Rail Forum (digital transport), Florence, Italy, November 2015
- 4<sup>th</sup> Florence Intermodal Forum (city logistics), Florence, Italy, October 2015
- 7<sup>th</sup> Florence Air Forum (drone regulation), Florence, Italy, September 2015
- Executive Workshop for the Directorate General MOVE of the European Commission, Florence, Italy, June 2015 (defining Europe's aviation strategy)
- 10<sup>th</sup> Florence Rail Forum (rail corridors), Florence, Italy, May 2015
- 3<sup>rd</sup> Florence Intermodal Forum (mobility-as-a-service), Florence, Italy, March 2015
- Executive Workshop for EASA, the European Aviation Safety Agency, Florence, Italy, February 2015

**Teaching in executive programs organized by others (incl. guest lectures): 2015/7**

- *Smart Cities*, executive training program for faculty members of Tecnológico de Monterrey, Guadalajara, Mexico (3 days), November 2017
- *EU energy policy fundamentals and implications for regulation* (2 hours), 15<sup>th</sup> ERRA (Energy Regional Regulators' Association) Summer School, Budapest, July 2017.
- *Smart cities* (2 hours), Executive Certificate in Environmental Governance, HEID, Geneva, May 2017
- *The grid challenges* (2 hours), Executive Program for China Light Power, May 2016
- *The challenges of regulation in Switzerland* (2 hours), Graduate Institute of Public Administration (IDHEAP), Lausanne, January 2016

**School Service (EPFL)**

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2014- **Director**, Institute of Technology and Public Policy (ITPP), EPFL

2003-2009 **Dean**, School of Continuing Education, EPFL

2010-present **Director**, Executive Education, EPFL Middle East Campus, Ras Al Khaimah, United Arab Emirates

2009-present **President**, Recruitment, Promotion and Tenure Committee, College of Management of Technology, EPFL

2008-present **Member** of the supervisory Board of EPFL's Transportation Center

**Professional Service (current)**

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## Organization of Annual Conferences

- Co-organizer (since 2012) of the annual Infrastructure-day, together with the Swiss Minister of Infrastructures (Doris Leuthard). <http://mir.epfl.ch/page-130868-en.html>
- Organizer (since 2012) of the Annual *Florence Conference on the Regulation of Infrastructure Systems*, always held in June in Florence, Italy. [www.florence-school.eu](http://www.florence-school.eu)
- Co-organizer (between 2008 and 2014) of the Annual Conference on *Competition and Regulation in Network Industries*, always held end of November in Brussels.
- Organizer (2010-2012) of the Annual Conference on *Trends and Innovation in the Postal Sector* with the International Post Corporation, always held in September in Lausanne. <http://tip-conference.epfl.ch>; as of 2013 this Conference is replaced by an annual *Postal Innovation Platform* jointly organized with the Universal postal union; <http://pip-conference.epfl.ch>

## Professional Leadership

- Board member of the Association “eGov”, Switzerland, 2017-.
- Vice-president of the board of “Avenir Mobilité” (Future Mobility), Switzerland, 2016-.
- International advisor of the Center for Competition and Regulation at the Social Sciences University Ankara, Ankara, Turkey, 2014-2016.
- Member of the Scientific Committee of the Chair SNCF (French railway Company) at Ecole des Ponts Paristech, Paris, France, 2013-.
- President of the Swiss Innovation Park Raron/Turtmann Wallis/Valais, Sion, Switzerland, 2013-2015.
- Member of the Board of the Foundation “Swiss Innovation Park”, Berne, Switzerland, 2012-2015.
- Member of the “Assises Ferroviaires” (expert commission on railway reform in France), Paris, France, 2011-2012.

- Member of the Swiss Federal Commission on Railways Reform, Berne, Switzerland, 2010-2013.
- Member of the evaluation committee, EDGaR (Energy Delta Gas Research Fund), Gasunie and Dutch government, 2009-2010.
- Member of the advisory Board, Swiss Railway Research Fund, 2009-.
- Vice-president, International Academy of CIO (Chief Information Officer), based in Tokyo, 2009-2012.
- Member of the Advisory Board, Center for Advanced Technology Strategy, George Mason University, 2008-2012.
- Member of the Advisory Board, UNECOM (Unbundling of Electricity Companies), Netherlands and Germany, 2008-2011.
- Member, Swiss Federal Commission on Electricity (ElCom, Electricity Regulator), Berne, 2007-.
- Member, Swiss Federal Commission on Transport Litigation (SKE, Railway Regulator), Berne, 2004-2011; Vice-president 2012-2015.

### **Editorial Boards**

- Member of the editorial board of the Journal *Sosyoekonomi (Journal of Economics and Administrative Sciences)*, 2017-
- Editor-in-chief of the Journal *Competition and Regulation in Network Industries* (Sage), 2017-.
- Member of the editorial board of *Zeitschrift für Verkehrswissenschaft*, Germany, 2016-.
- Member of the editorial board of the Journal *Annals of Public and Cooperative Economics*, 2016-
- Guest editor, special issue of *Utilities Policy* on Regulating network industries in emerging countries (2016)
- Co-editor of the *ISA (International Studies Association) Compendium on Environment* (2016)

- Guest editor, special issue of *Utilities Policy* on Network Industries in Turkey (2015)
- Member of the editorial board of the *International Journal of Postal Communications* (since 2014)
- Guest editor, special issue of *Utilities Policy* on 20 years of liberalization of the network industries in Europe (2014)
- Co-editor-in chief Journal *Competition and Regulation in Network Industries* (2005-2015); member of the editorial board 2016.
- Chief editor of a trimestrial *Network Industries Newsletter* (since 1998), which now reaches approximately 6000 key professionals across the world. Since 2006, this newsletter is jointly published with TU Delft. <http://newsletter.epfl.ch/mir>.
- Member, Editorial Board, *Journal of e-governance*, IOS Press, 2010-2013.
- Co-editor, *Global E-Governance Book Series*. IOS Press, Amsterdam, 2008-2012.
- Member, Editorial Board, *Online Journal Peace and Conflict Studies*, 2007-2013.
- Member, Editorial Board, *Journal Transformational Learning*, Sage Publishers, 2002-.
- Member, Editorial Board, *Global Environmental Politics*, M.I.T. Press, 1999-.

#### **Book reviews (2008-present)**

- Kuzemko, Caroline, Deblyi, Andrei V., Goldthau, Andreas and Michael F. Keating (eds.) (2012). *Dynamics of Energy Governance in Europe and Russia*. New York: Palgrave / McMillan. Review published in *Competition and Regulation in Network Industries*, Vol.16 (2015), No.2.
- Lemstra, W. and W.H. Melody (eds.) (2015). *The dynamics of broadband markets in Europe. Realizing the 2020 Digital Agenda*. Cambridge: Cambridge University Press, 409 pages. Review published in *Competition and regulation in Network Industries*, Vol.16 (2015), No.1.
- O'Connell, J. and G. Williams (eds.) (2011). *Air Transport in the 21<sup>st</sup> Century. Key Strategic Developments*. Franham, UK / Burlington VT, USA: Ashgate. Review published in *Competition and Regulation in Network Industries*, Vol. 15 (2014), No.1.

- Hodge, Graeme A., Greve, Carsten and Anthony E. Boardman (2010). *International Handbook on Public Private Partnerships*. Cheltenham: Edward Elgar. Review published in *Competition and Regulation in Network Industries*, Vol.14 (2013), No.4.
- Mizutani, Fumitoshi (2012). *Regulatory Reform of Public Utilities. The Japanese Experience*. Cheltenham: Edward Elgar. Review published in *Competition and Regulation in Network Industries*, Vol.14 (2013), No.3.
- Haines, Fiona (2011). *The Paradox of Regulation. What Regulation Can Achieve and What it Cannot*. Cheltenham: Edward Elgar. Review published in *Competition and Regulation in Network Industries*, Vol.14 (2013), No.2.
- Crew, M. and P. Kleindorfer (eds.) (2011). *Reinventing the Postal Sector in the Electronic Age..* Cheltenham: Edward Elgar. Review published in *Competition and Regulation in Network Industries*, Vol.13 (2012), No.3.
- Baldwin, R., Cave, M. and M. Lodge (eds.) (2010). *The Oxford Handbook on*
- *Regulation*. Oxford: Oxford University Press. Review published in *Competition and Regulation in Network Industries*, Vol.12 (2011), No.1.
- Gilardi, F. (2008). *Delegation in the Regulatory State. Independent regulatory Agencies in Western Europe*. Cheltenham: Edward Elgar. Review published in *Competition and Regulation in Network Industries*, Vol.11 (2010), No. 1.
- Bulmer, S., Dolowitz, D., Hymphreys, P. & S. Padgett (2007). *Policy Transfert in European Union Governance. Regulating the Utilities*. London: Routledge. Review published in *Competition and Regulation in Network Industries*, Vol.10 (2009), No.1.
- Starkie, D. (2008). *Aviation Markets. Studies in Competition and Regulatory Reform*. Aldershot: Ashgate Publishing Ltd. Review published in *Competition and Regulation in Network Industries*, Vol.9 (2008), No.4.

### **Review of Journal Articles, Research Projects, and Conference Papers**

In addition to reviewing all the articles for *Utilities Policy* special issues and for the Journal on *Competition and Regulation in Network Industries*, I also regularly reviewed articles for Energy Policy, EJEG (Electronic Journal of Electronic Governance), GEP (Global Environmental Politics), IRAS (International Review of Administrative Sciences), Journal of Infrastructure Systems, Regulation and Governance, Transport Research, as well

as research projects for the Swiss National Science Foundation, and others more. I also review all the papers submitted to the different conferences I am organizing annually.

## **Presentations at Academic Conferences (2017)**

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- International Scientific Conference on Mobility and Transport, Munich, Germany (June 2018)
- Arctic Circle, Reykjavik, Iceland (October 2017)
- European Transport Conference, Barcelona, Spain (October 2017)
- Calotte Academy, Kirkenes, Norway (June 2017)
- 25<sup>th</sup> Annual on Postal and Delivery Economics, Barcelona, Spain (May 2017)
- International Research Society for Public Management (IRSPM), Budapest, Hungary (April 2017)

## **Keynotes (2016-2018)**

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- 2018, Year of Multimodality, DG Move, European Commission, Sofia, March 2018
- Will Gigabit access become part of the Universal Service?, Broadband Switzerland, Berne, October 2017
- Infrastructures between government and market, ETH Zürich, Switzerland, October 2017
- Libéralisation et transition énergétique Suisse dans le contexte Européen. /ème Journée de l’Energie, Martigny, Suisse, October 2017
- Postal regulation – past and future, Postal Innovation Platform (PIP), POstexpo, Geneva, September 2017
- Smart and resilient cities, SwissRe, Zürich, September 2017
- The importance of the Single European Sky for the European aviation sector, Observatory on Europe, Brussels, June 2017
- Zukunftsstandort Digitale Schweiz, Bern, June, 2017
- Railway operations of the future, 10<sup>th</sup> Transportation and Economic Forum, Tokyo, November 2016
- Providing and Maintaing Access to Reliable Energy, 15<sup>th</sup> ERRA Conference, Bratislava, October 2016
- Readiness for smart cities, Masterclass on smart nation, cities and communities, Kuala Lumpur, Malaysia, August 2016
- Challenges for the regulation of Urban Mobility, Conference of the Foundation Getulio Vargas, Rio de Janeiro, May 2016



- Service Public, enjeu de la cohésion nationale, Forum Helveticum, Berne, April 2016.
- Economic and societal implications of digitalization, e-Forum, Berne, April 2016.

## Round-tables (2016-)

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- Getulio Vargas Foundation, Rio de Janeiro, Brazil, July 2017
- World Energy Congress, Istanbul, Turkey, October 2016
- Arctic Circle, Reykjavik, Iceland, October 2016

## Moderating events (2018-)

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- EPFL-SBB Data Science and Mobility Conference (moderating the entire day, incl. Roundtables), January 31<sup>st</sup>, 2018

## Publications: books (27)

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1. *The GlobalArctic Handbook* (co-edited with Lassi Heininen). Berlin: Springer, forthcoming 2018.
2. *Air transport liberalization: a critical assessment* (co-edited with Ken Button). Cheltenham: Edward Elgar, 2017.
3. *Towards cognitive cities. Advances in cognitive computing and its application to the governance of large urban systems* (co-edited with Edy Portmann): Berlin: Springer, 2016.
4. *The Routledge Companion on Network Industries* (co-edited with Christian Jaag): London: Routledge, 2015.
5. *Rail economics, regulation and policy in Europe* (co-edited with Pierre Messulam): Cheltenham: Edward Elgar, 2015.
6. *Electronic challenges for postal services* (co-edited with Bernhard Bukovc and Burhan Muqbil): Amsterdam: IOS Press, 2014.

7. *Transport Regulation in Europe* (co-edited with Torben Holvad): Cheltenham: Edward Elgar, 2013.
8. *E-governance: a global journey* (co-edited with Fouzia Sultana). Amsterdam: IOS Press, 2012.
9. *International Handbook of Network Industries. The Liberalization of Infrastructure* (co-edited with Rolf Künneke). Cheltenham: Edward Elgar, 2011.
10. *The Crisis of Global Environmental Governance: Towards a new Political Economy of Sustainability* (co-edited with Jacob Park & Ken Conca). London: Routledge, 2008.
11. *Water and liberalization: European Water Scenarios* (co-edited with Jeremy Allouche and Patricia Manso). London: IWA Publishing, 2006.
12. *The Multi-Governance of Water. Four case studies* (co-edited with Ludivine Tamiotti and Jeremy Allouche). New York: SUNY Press, 2005.
13. *Limits to Privatization: Too much of a good thing* (co-edited with Ernst U. von Weizsäcker and Oran Young). Report to the Club of Rome. London: Earthscan, 2005. Translations into: German, Spanish, Chinese, and many other languages.
14. *Water Privatisation. Transnational Corporations and the Re-regulation of the Water Industry* (co-authored with Jeremy Allouche). London: SPON Press (Francis & Taylor Group), 2002.
15. *Learning Our Way Out: Adult Education at a Crossroads* (co-authored with José Asún). London: Zed Books, 2001. Portuguese edition: *A Educação de Adultos numa Encruzilhada. Aprender a nossa saída*. Porto: Porto Editora, 2003.
16. *Adult Education and Social Responsibility. Reconciling the Irreconcilable?* (co-edited with Danny Wildemeersch & Theo Jansen). Frankfurt: Peter Lang, 1997.
17. *Du Monopole à la Concurrence: Analyse Critique de l'Évolution de 6 Entreprises Suisses* [From Monopoly to Competition: a Critical Analysis of the Transformation of 6 Swiss Public Enterprises] (co-edited with Serge Pravato and Jean-Noël Rey). Lausanne: L.E.P., 1997. No English translation.
18. *Pour une Nouvelle Approche du Management Public. Réflexions Autour de Michel Crozier* [Toward a New Approach to Public Management. Reflections about Michel Crozier] (co-edited with Bérandère Ruchat). Paris: Seli Arslan, 1997. No English translation.

19. *Les Défis de la Poste* [The challenges to the Swiss Postal Service] (co-authored with Jean-Noel Rey). Lausanne: L.E.P., 1994; German edition: *Die Zukunft der Post - Die Post der Zukunft*. Zürich: Orell & Füssli, 1994. No English translation.
20. *The Earth Brokers. Power, Politics, and Development* (co-authored with Pratap Chatterjee). London: Routledge, 1994. Japanese and Spanish editions.
21. *Environmental NGOs in World Politics: Linking the Global and the Local* (co-authored with Thomas Princen). London: Routledge, 1994.
22. *The Green Movement Worldwide* (edited). Greenwich CT: JAI-Press, 1992, Supplement 2.
23. *Les Partis Politiques à Coeur Ouvert. Enquête sur l'Élite Partisane Helvétique* [Study of the Swiss Party Elite] (co-authored with U. Ayberk, C., Garcia & P. Sciarini). Lausanne: L.E.P., 1991; German edition: *Die Kader der Schweizer Parteien*. Zürich: Seismo Verlag, 1994. No English translation.
24. *L'Homo Politicus à la Dérive? Enquête sur le Rapport des Suisses à la Politique* [The Decline of Political Man?] (co-authored with Pascal Sciarini). Lausanne: L.E.P., 1990. No English translation.
25. *L'Éducation des Adultes en Suisse* [Adult Education in Switzerland] (co-authored with Pierre Dominique). Berne: Pro Helvetia, 1990. No English translation.
26. *Paix, Peace, Pace ... Les Dix Bonnes Raisons d'Adhérer au Nouveau Mouvement pour la Paix* [Peace: the Ten Good Reasons for Joining the New Peace Movement]. Lausanne: L.E.P., 1989. No English translation.
27. *Apprendre une Issue. L'Éducation des Adultes à l'Âge de la Transformation de Perspective* [Learning at Stake: Adult Education at the Age of Perspective Transformation]. Lausanne: L.E.P., 1989. No English translation.

## **Publications: Book Chapters (81)**

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1. Infrastructures as common pool resources (with Rolf Künneke). In: Cole, Daniel H., and Michael D. McGinnis (eds). Forthcoming. *Elinor Ostrom and the Bloomington School of Political Economy: Volume 4, Policy Applications and Extensions*. Lanham, MD: Lexington Books, pp. 233-245.

2. System Dynamics Simulation to Explore Impact of Low European Electricity Prices on Swiss Generation Capacity Investment (with Reinier Verhoog and Paul van Baal), forthcoming
3. Governing Energy Transitions: Transition Goals in the Swiss Energy Sector (2016) (with Reinier Verhoog). In Arslan-Ayaydin, O., Dorsman, A. & Karan, M.B. (eds.). *Energy, Sustainability and Finance*. Springer, chapter 7.
4. European rail policy and regulation (2015). In: Finger, M. and C. Jaag (eds.). *The Routledge Companion on Network Industries*. London: Routledge, pp. 211-224.
5. The Arctic, laboratory of the Anthropocene (2015). In: Heininen, L. (ed.). *Future security of the global Arctic*. New York: Palgrave MacMillan, pp. 121-137.
6. Rail economics and regulation (with Pierre Messulam) (2015). In: Finger, M. and P. Messulam (eds.). *Rail economics, policy and regulation*. Cheltenham: Edward Elgar, pp. 1-21.
7. Rail access charges (with Pierre Messulam) (2015). ). In: Finger, M. and P. Messulam (eds.). *Rail economics, policy and regulation*. Cheltenham: Edward Elgar, pp. 323-340.
8. A critical analysis of the potential of the information and communication technologies for democracy and governance. In: Manoharan, A. (ed.). *E-Government and Websites: A Public Solutions Handbook*. Armonk, NY: M.E. Sharpe, 2014, pp. 81-96.
9. What does the Arctic teach us. An epistemological essay on business-government relations. In: Exner-Piroth, H. (ed.). *The 2013 Arctic Yearbook*. Rovaniemi: University of the Arctic. Web publication, 2013.
10. Transnational corporations and the environment. In: Mikler, J. (ed.). *The handbook of global companies*. New York: John Wiley & Sons, 2013, pp. 285-299.
11. 25 years of Arctic environmental agency: changing issues and power relations (with Andrea Finger-Stich). In: Heininen, L. (ed.) (2012). *The 2012 Arctic Yearbook*. Rovaniemi: University of the Arctic, pp. 194-222.
12. Non-state actors in global environmental governance (with David Svarin). In: Dauvergne, P. (ed.). *Handbook on global environmental politics*. Cheltenham: Edward Elgar, 2012, pp.285-297.

13. Towards an European model of regulatory governance? In: Levi-Faur, D. (ed.). *Handbook on the Politics of Regulation*. Cheltenham: Edward Elgar, 2011, pp. 525-535.
14. From "Service Public" to Universal Service (with Dominique Finon). In: Finger, M. & R. Künneke (eds.). *International Handbook on the Liberalization of Infrastructures*. Cheltenham: Edward Elgar, 2011, pp.54-69.
15. Liberalization of the network industries in the European Union: evolving policy issues (with Marc Laperrouza). In: Finger, M. & R. Künneke (eds.). *International Handbook on the Liberalization of Infrastructures*. Cheltenham: Edward Elgar, 2011, pp.345-365.
16. Exploring the future of Wi-Fi (with Pierre Rossel). In: Lemstra W., Hayes, V. & J. Groenewegen (eds.) (2010). *The innovation journey of Wi-Fi. The road to global success*. Cambridge: Cambridge University Press, pp.331-366.
17. Saudi Post innovative address system: integrating electronic and physical platforms (with Farah Abdallah). In: UPU/ITU (eds.) (2010). *ICTs, new services and transformation of the Post*. Berne: Universal Postal Union, pp. 101-116.
18. Transnational Corporations and the Global Environment (with David Svarin). In: Denmark, R. (ed.) (2010). *The International Studies Encyclopedia*. Vol.XI, pp.7149-7169, London: Blackwell.
19. The history of a European information society: shifts from governments to governance (2009) (with Jamal Shahin). In: Tuptimhin, J. & R. Pipe (eds.). *Global e-Governance. Advancing Governance Through Innovation and Leadership*. Amsterdam: IOS Press, pp.62-83.
20. Regulatory practices and the role of technology in network industries: the case of Europe (2009) (with Frédéric Varone). In: Künneke, R. et al. (eds.). *The governance of network industries*. London: Edward Elgar, pp.90-105.
21. Sustainable Global Governance? An organizational and institutional perspective (2008). In: Park, J. Finger, M. & K. Conca (eds.). *The Crisis of Global Environmental Governance: Towards a new Political Economy of Sustainability*. London: Routledge.
22. CIO in Europe (2007). In: Obi, T. (ed.). *E-Governance: a Global Perspective on a Paradigm*. Amsterdam: IOS Press, pp.152-155.

23. Water Privatization: Reasons, characteristics, Difficulties, and Lessons (with Jeremy Allouche), in: Hahn, H., Hoffmann, E. & H. Odegaard (eds.) (2007). *Chemical Water and Wastewater Treatment*. London : IWA Publishing, pp. 11-24.
24. FAO – World Food Organization. Entry in Robertson, R. & A.R. Scholte (eds.) (2006). *Encyclopedia of Globalization*. New York: Routledge.
25. Du gouvernement électronique à la gouvernance électronique: le rôle des technologies de l'information et de la communication dans la réforme du secteur public (2006) [From electronic government to electronic governance]. In: Chappelet, J.-L. (ed.). *Contributions à l'action publique*. Berne: Haupt; Lausanne: Presses Universitaires Romandes, pp. 89-102.
26. De- und Re-Regulierung der Netzwerkindustrien: Wohin geht die Reise? [De- and reregulating the network industries: how does the future look like?] In: Schaffhauser, R., Locher, H. & T. Poledna (eds.) (2006). *Das Gesundheitswesen – Motor von Wohlbefinden und Wohlstand*. University of St. Gallen, Schriftenreihe des Instituts für Rechtswissenschaft und Rechtstpraxis, Band 37, pp.75-78.
27. Electronic Governance (with Thomas Langenberg). Entry in Anttiroikko, A.-V. & M. Mälkiä (eds.) (2006). *Encyclopedia of Digital Government*. Volume II E-H. Hershey: Idea Group Reference, pp. 629-633.
28. Globalization (2005). In: English, L. (ed.). *Encyclopoedia of Adult Education*. New York: PalgraveMcMillan, pp. 269-273.
29. Limits to Privatization (with E.-U. Von Weizsäcker and O. Young). In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 3-14.
30. Privatization in G7 countries. In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 201-206.
31. Privatization of the infrastructures. In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 228-234.
32. The top public service transnational corporations. In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 239-245.

33. Regulation. In: von Weizsäcker, E., Young, O. & M. Finger (eds.) (2005). *Limits to Privatization. How to avoid too much of a good thing*. London: Earthscan, pp. 291-297.
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## Languages

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Trilingual	German, French, English
Italian	Fluent in speech
Spanish	Fluent in speech
Finnish	Fluent in speech
Turkish	Capable to get by on everyday conversations, actively learning
Arabic	Actively learning since 5 years

Russian

Beginner