

Talent Development

Engineering and Public Policy
EPP

List of Dual Degree Ph.D. Students

Doctoral Program in Engineering and Public Policy



Alessandro Giordano, 2013/2014

Advisors: Manuel Heitor (IST), Granger Morgan (CMU), and Chris Hendrickson (CMU)

Host Institution in Portugal: Instituto Superior Técnico of the Universidade de Lisboa (IST)

Host Department at Carnegie Mellon: Engineering and Public Policy

Research Interests: Electro-mobility



Alexandre Ligo, 2011/2012

Advisors: João Barros (FEUP), Jon M. Peha (CMU) and Pedro Ferreira (CMU)

Host Institution in Portugal: Faculdade de Engenharia da Universidade do Porto (FEUP)

Host Department at Carnegie Mellon: Engineering and Public Policy



Baojiang (Chris) Yang, 2012/2013

Advisors: Mário Gaspar da Silva (IST) and Pedro Ferreira (CMU)

Host Institution in Portugal: Instituto Superior Técnico of the Universidade de Lisboa (IST)

Host Department at Carnegie Mellon: Engineering and Public Policy



Jaime Bonnin Roca, 2014/2015

Advisors: Joana Mendonça (IST) and Granger Morgan (CMU)

Host Institution in Portugal: Instituto Superior Técnico of the Universidade de Lisboa (IST)

Host Department at Carnegie Mellon: Engineering and Public Policy



Kristen Schell, 2011/2012

Advisors: João Claro (FEUP) and Paul Fischbeck (CMU)

Host Institution in Portugal: Faculdade de Engenharia da Universidade do Porto (FEUP)

Host Department at Carnegie Mellon: Engineering and Public Policy



Manuel Loureiro, 2012/2013

Advisors: João Claro (FEUP) and Paul Fischbeck (CMU)

Host Institution in Portugal: Faculdade de Engenharia da Universidade do Porto (FEUP)

Host Department at Carnegie Mellon: Engineering and Public Policy



Nathaniel Gilbraith, 2012/2013

Advisors: Pedro Carvalho (IST), Inês Azevedo (CMU) and Paula Jaramillo (CMU)

Host Institution in Portugal: Instituto Superior Técnico of the Universidade de Lisboa (IST)

Host Department at Carnegie Mellon: Engineering and Public Policy



Nirajan Rajkarnikar, 2013/2014

Advisors: Ana Aguiar (FEUP) and Jon Peha (CMU)

Host Institution in Portugal: Faculdade de Engenharia da Universidade do Porto (FEUP)

Host Department at Carnegie Mellon: Engineering and Public Policy

Research Interests: Networks, Machine Learning, Telecom



Qiwei Han, 2010/2011

Advisors: João Paulo Costeira (IST) and Pedro Ferreira (CMU)

Host Institution in Portugal: Instituto Superior Técnico of the Universidade de Lisboa (IST)

Host Department at Carnegie Mellon: Engineering and Public Policy

Research Interests: Telecommunication and Internet Policy



Ryan James Turner, 2010/2011

Advisors: Rui Marques (IST) and Pedro Ferreira (CMU)

Host Institution in Portugal: Instituto Superior Técnico of the Universidade de Lisboa (IST)

Host Department at Carnegie Mellon: Engineering and Public Policy

Research Interests: Telecommunication and Education Policy

List of Dual Degree Ph.D. Alumni

Doctoral Program in Engineering and Public Policy

• 2008 - 2011

- **Advisors:** Pedro Ferreira (IST) and Jon M. Peha (CMU)
- **Graduated by:** IST and CMU
- **Research Interests:** Information and Communication Technology Policy
- **Dissertation Title:** Copyright Violation on the Internet: Extent and Approaches to Detection and Deterrence
- **Position after PhD:** Researcher at Carnegie Mellon University, USA
- **Current Position:** Policy Analyst at DG Connect (Communications Networks, Content and Technology), European Commission, Belgium

Alexandre Mateus
Policy Analyst



• 2008 - 2013

- **Advisors:** Pedro Carvalho (IST) and Jay Apt (CMU)
- **Graduated by:** IST and CMU
- **Research Interests:** Wind Power, Energy Policy and Decision Making Under Uncertainty
- **Dissertation Title:** Managing Wind Power Forecast Uncertainty in Electric Grids
- **Position after PhD:** Utility Regulation Engineer at Iowa Utilities Board, USA
- **Current Position:** Analyst at CLEAResult, USA

Brandon Mauch
Analyst



• 2009 - 2013

- **Advisors:** Pedro Carvalho (IST) and Jay Apt (CMU)
- **Graduated by:** IST and CMU
- **Research Interests:** Renewable Energy, Electrical Networks and Energy Policy
- **Dissertation Title:** Integrating Variable Renewables into the Electric Grid: An Evaluation of Challenges and Potential Solutions
- **Position after PhD:** Associate at DC Energy, USA
- **Current Position:** Director of Market Analytics at AES Energy Storage, USA

Colleen Horin
Market Analytics



• 2010 - 2014

- **Advisors:** Marcelino Ferreira (IST) and Inês Lima Azevedo (CMU)
- **Graduated by:** IST and CMU
- **Research Interests:** Renewable Energy
- **Dissertation Title:** Retrospective and prospective analysis of policy incentives for wind power in Portugal
- **Position after PhD:** Government Relations Lead at Westeva, USA
- **Current Position:** Business & Analytics at Westeva, USA

Ivonne Astrid Peña-Cabra
Business & Analytics



• 2007 - 2012

- **Advisors:** João Peças Lopes (FEUP) and Marija Illic (CMU)
- **Graduated by:** FEUP and CMU
- **Research Interests:** Distributed Generation and the Policy Aspects of Dynamic Stability of Distribution Networks Aspects of Future Energy Systems
- **Dissertation Title:** Making the Most out of Distributed Generation without Endangering Normal Operation: A Model-Based Policy-Technical Approach
- **Current Position:** Postdoctoral Fellow at Georgia Institute of Technology, USA and Consultant at Gridquant Technologies LLC, USA

Masoud Honarvar Nazari
Postdoctoral Fellow



• 2009 - 2013

- **Advisors:** Francisco Lima (IST) and Pedro Ferreira (CMU)
- **Graduated by:** IST and CMU
- **Research Interests:** Telecommunications Regulation and Networked Industries
- **Dissertation Title:** Essays in Telecommunications Policy
- **Position after PhD:** Postdoctoral Researcher at Carnegie Mellon University and CLSBE
- **Current Position:** Visiting Research Scientist at Carnegie Mellon University, USA and Visiting Assistant Professor at Católica-Lisbon School of Business and Economics

Miguel Godinho de Matos
Research Scientist



• 2009 - 2015

- **Advisors:** Margarida Catalão (IST) and Marvin Sirbu (CMU)
- **Graduated by:** IST and CMU
- **Research Interests:** Telecom Policy
- **Dissertation Title:** The Influence of Institutional Structure on the Regulatory Choices and the Impact of These Choices on the Telecommunication Marketplace in Transition
- **Current Position:** Research Fellow at LIRNEasia, Sri Lanka

Moinul Islam Zaber
Research Fellow



• 2008 - 2013

- **Advisors:** Rui Prior (FCUP) and Marvin Sirbu (CMU)
- **Graduated by:** FCUP and CMU
- **Research Interests:** Telecommunications Policy
- **Dissertation Title:** Economic Incentives in Content-Centric Networking: Implications for Protocol Design and Public Policy
- **Current Position:** Researcher, Infrastructure Research Group at DOCOMO Communications Laboratories Europe GmbH, Germany

Patrick Agyapong
Researcher



• 2008 - 2013

- **Advisors:** Luis Correia (IST) and Jon M. Peha (CMU)
- **Graduated by:** IST and CMU
- **Research Interests:** Telecommunications Policy, Spectrum Management and Spectrum Sharing
- **Dissertation Title:** Gray-Space Spectrum Sharing with Cellular Systems and Radars, and Policy Implications
- **Current Position:** Engineering Specialist, True Corporation- True Move, Thailand

Rathapon
Saruthirathanaworakun
Engineering Specialist

