

Alberto Castro, PhD

Universidad de la República
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Education

- 2011 – 2014** **Universitat Politècnica de Catalunya**
PhD in Computer Architecture, major in Communication Networks.
Thesis title: “*Off-Line and In-Operation Optical Core Networks Planning.*”
- 2009 – 2010** **Universitat Politècnica de Catalunya**
MSc in Computer Architecture, Networks and Systems.
Thesis title: “*Internet Scalability Issue: A New Perspective based on LISP.*”
- 2006 – 2008** **Universidad de la República**
MEng in Computer Science.
Thesis title: “*Connectivity Provisioning in MPLS networks: Control Plane Interface.*”
- 1999 – 2005** **Universidad de la República**
BSc in Computer Science.

Academic Experience

- 2020 – present** **Universidad de la República**
Assistant Professor.
- 2018 – 2019** **Universidad de la República**
Postdoctoral Researcher.
- 2015 – 2017** **University of California, Davis**
Postdoctoral Scholar.
- 2013 – 2014** **Consorzio Nazionale Interuniversitario per le Telecomunicazioni**
Four months visiting researcher.
- 2012** **Centre Tecnològic de Telecomunicacions de Catalunya**
Three months visiting researcher.
- 2009 – 2014** **Universitat Politècnica de Catalunya**
Research Assistant.
- 2006 – 2009** **Universidad de la República**
Teaching Assistant.

Teaching Experience (last 10 years)

- 2021** **Universidad de la República**
Data Networks II.
- 2020 – present** **Universidad de la República**
Data Networks I.
- 2019 – present** **Universidad de la República**
Operating Systems.
- 2018 – present** **Universidad de la República**
Cyber Physic Systems.
- 2016** **Universidad de la República**
Optical Network Design and Optimization.
- 2012** **Universitat Politècnica de Catalunya**
Computer Architecture and Network Optimization.

Research Projects (last 10 years)

- 2020-2022** **Observe-Analyze-Act Architecture for Cognitive Optical Networks**
Funded by CAP-UdelaR.
- 2020-2021** **Assessing spatiotemporal impact of land use/land cover change on water quality: the case study of Santa Lucía watershed**
Funded by the Uruguayan National Research and Innovation Agency.
- 2020-2021** **Traffic Prediction on Plan Ceibal network**
Funded by the Uruguayan National Research and Innovation Agency.