

Alberto Castro, PhD

Universidad de la República
acaastro@fing.edu.uy

Education

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| 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

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| 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)

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| 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)

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| 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. |