

Presentation



Education:

- 2004 - Ph.D. (summa cum laude) in Informatics Engineering from the **University of Coimbra**, Portugal.

Visiting Positions:

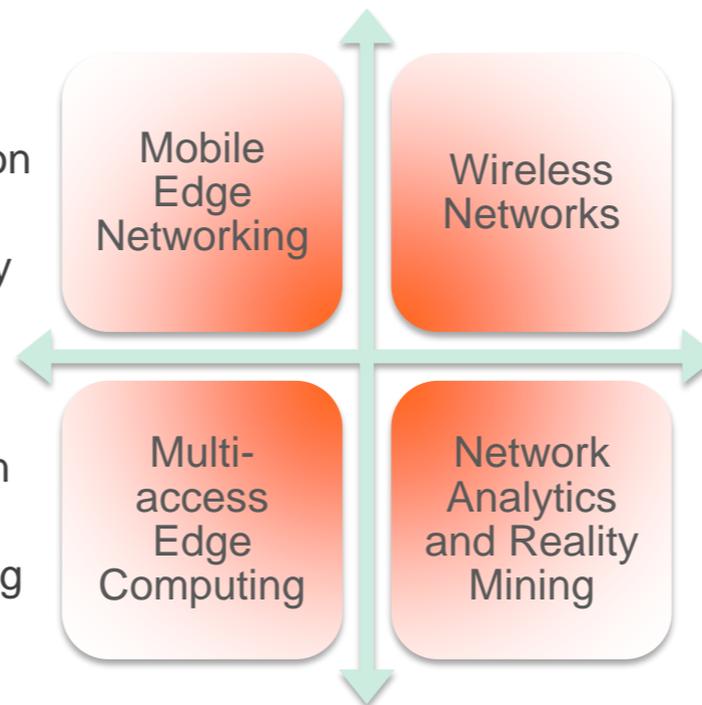
- 2013.08 - **University of California at Los Angeles** (Los Angeles, USA).
- 2000 – 2003 - **Columbia University** (New York, USA) – PhD work.

Work Experience:

- Since 2019 – Senior Scientist at Airbus Central Research & Technology, Munich, Germany
- 2010 – 2019 – Associated Professor at University Lusofona, Lisbon, Portugal
- 2010 – 2019 – Co-founder and director of COPELABS Research Center, Lisbon, Portugal
- 2007 – 2010 – Group coordinator at INESC TEC research center, Porto, Portugal.
- 2003 – 2007 – Senior Researcher at NTT Docomo, Munich, Germany.

- Active Networking
- Multi-service Resource Allocation
- Distributed Multicast Control
- Cache-based Seamless Mobility

- Network Function Virtualization
- Personal Cloudlets
- Software define Fog Computing



- Cooperative Relaying
- Delay-Tolerant Networking
- Opportunistic Routing
- Named Data Wireless Networking

- Inference of User Behavior
- Inference of Roaming Activity
- Inference of Affinity Networks

Questions

- What will be the role of satellites and other Airborne / Spaceborne networks in a future Internet architecture?
- How smart can a network be in predicting future behaviors?
- How to reach a good level of network simplification and automation?
- What will be the next hot network topic after 5G, SDN, NFV, ICN?