

# 4th European Summit on the Future Internet

13-14 June - Aveiro, Portugal



**João Barros** is Founder and CEO of Veniam and an Associate Professor of Electrical and Computer Engineering at the University of Porto. He has also been Founding Director of the Institute for Telecommunications (IT Porto) in Porto, Portugal, counting almost 100 active members. His other appointments include Fulbright scholar at Cornell University and Visiting Professor with the Massachusetts Institute of Technology (MIT) since 2008. He also teaches at the Porto Business School and co-founded two startups, Streambolico and Veniam, commercializing wireless video and vehicular communication technologies, respectively. Between 2009 and 2012, Dr. Barros served as National Director of the Carnegie Mellon Portugal Program, a five-year international partnership funded by the

Portuguese Foundation of Science and Technology, with a total budget of 56M Euros. In recent years, João Barros has been Principal Investigator (PI) and Co-PI of numerous national, European and industry funded projects, co-authoring one book and 145 research papers in the fields of networking, information theory and security, with a special focus on smart city technologies, network coding, physical-layer security, sensor networks, and intelligent transportation systems.

Dr. Barros has received several awards, including the 2010 IEEE Communications Society Young Researcher Award for the Europe, Middle East and Africa region, the 2011 IEEE ComSoC and Information Theory Society Joint Paper Award, the 2012 BES National Innovation Award, and a state-wide best teaching award by the Bavarian State Ministry of Sciences, Research and the Arts. Dr. Barros is frequently invited as an expert speaker by international organizations such as the European Commission, OECD, ITU, EuroDIG and IEEE. He also worked as an independent consultant for various organizations and projects. Dr. Barros is fluent in Portuguese, German, English, French and Spanish. He received his undergraduate education in Electrical and Computer Engineering from the Universidade do Porto (UP), Portugal and Universitaet Karlsruhe, Germany, a performing arts degree in flute from the Music Conservatory of Porto, and the Ph.D. degree in Electrical Engineering and Information Technology from the Technische Universitaet Muenchen (TUM), Germany.

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