



Tiago Alves received the “Licenciatura” and Ph.D (with honor) degrees in Electrical and Computers Engineering from Instituto Superior Técnico, Technical University of Lisbon, Portugal, in 2006 and 2011, respectively. He is currently a researcher at the Optical Communications Group of Instituto de Telecomunicações, Lisbon site, Portugal. He has contributed with more than 90 papers to international conferences and journals, with over 200 citations. 37 of

these papers were published in international journals with 24 being published as a first author. Of the 24 papers published as a first author, 15 were published in some of the highest impact factor journals in the area of optical fibre communication systems including OSA Optics Express (6 papers), IEEE Journal on Selected Areas in Communications (1 paper), IEEE/OSA Journal of Lightwave Technology (5 papers) and IEEE Photonics Technology Letters (3 papers). He also received the best paper award from Optics Conference in 2011 and 2013. He participated in several National Projects and in the European Projects e-Photon one+, “Ultra-wide Band Real-Time Interference Monitoring and Cellular Management Strategies” (UCCELLS) and “Fully-Converged Quintuple-Play Integrated Optical-Wireless Access Architectures” (FIVER). In the last five years, he was co-supervisor of 15 Master Science dissertations. Currently, he is the co-supervisor of one Ph.D thesis. In 2017, he was granted with an “Investigador FCT” contract from Fundação para a Ciência e Tecnologia. Since then, he is developing research activities towards the use of multicore fibres in next generation optical access networks with disruptive capacity provisioning.