



**Luciano Leonel Mendes**  
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Luciano Leonel Mendes received the BSc. and MSc. degrees in Electrical Engineering from Inatel, Brazil in 2001 and 2003, respectively. In 2007 he received the Doctor degree in Electrical Engineering from Unicamp, Brazil. Since 2001 he is a professor at Inatel, where he has acted as the technical manager of the hardware development laboratory from 2006 to 2012. He has coordinated the Master Program at Inatel from 2010 to 2013 and he has led several research projects funded by FAPEMIG, FINEP and BNDES. From 2013 to 2015 he was a visiting researcher at the Technical University of Dresden in the Vodafone Chair Mobile Communications Systems, where he has developed his post-doctoral program sponsored by CNPq under the supervision of Prof. Dr.-Ing. Dr. h.c. Gerhard Fettweis. Since 2015, he has acted as the Research Coordinator of the Radiocommunication Reference Center at Inatel, which is a research project aiming at addressing the main challenges for the Brazilian society regarding wireless, satellite and terrestrial communications. His main area of interest is solutions for the physical layer of the future fifth generation of mobile communication systems (5G), a research field where he has published several papers in the last years. He is also a CNPq level 2 research fellow since 2016. In 2017 he was elected Research Coordinator of the 5G Brasil Project, an association involving industries, telecom operators and academia which aims for funding and build a ecosystem towards 5G, improving the discussions about the Brazilian needs for this network and how Brazil can contribute with the international standardization.