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Luciano Mendes received the Doctor degree in Electrical Engineering from Unicamp, Brazil in 2007. Since 2001 he is a professor at Inatel, where he has coordinated several research projects. From 2013 to 2015 he was a visiting researcher at the Vodafone Chair Mobile Communications Systems – TU Dresden. 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 regarding wireless, satellite and mobile communications in Brazil. His main area of interest is solutions for the physical layer for 5G networks, a research field where he has published several papers in the last years.