



Sylvain Bourdel, Professor at the Institut polytechnique de Grenoble (Grenoble INP), France, went at UFSC for a 6 months sabbatical journey (CRCT – Congé pour Recherche ou Conversions Thématique) to work in the LCI on the design of RF circuits using all region compact model. Pr Bourdel received the Ph. D in microelectronics from the National Institute of Applied Science (INSA) of Toulouse in 2000. He was with the LAAS laboratory of Toulouse where he was involved on radiofrequency systems modelling and he was particularly focused on spread spectrum techniques applied to 2.45GHz transceivers. In 2002 he joined the IM2NP in Marseille where he headed with Pr H. Barthélemy the Integrated Circuit Design Team of the IM2NP. He joined in 2013 the Grenoble-INP as a full Professor where he works at the IMEP-LAHC laboratory. He works on RF and MMW IC design and integration. He particularly focus on low cost and low power applications. His area of interest also includes system level specifications, UWB and RFID. He is the author and co-author of more than 80 referenced IEEE publications.