

Benoit Derat

Benoît Derat was born in Drancy, France, in 1979. He received the Engineer degree from the Ecole Supérieure d'Electricité (Supélec), Gif-sur-Yvette, France, in 2002, and the Ph. D. degree in Physics from the University of Paris XI, Orsay, France, in 2006, in collaboration with the mobile phones R&D Department of SAGEM Communication, Cergy-Pontoise, France. From 2006 to 2008, he worked for SAGEM Mobiles R&D as a research engineer and expert in analytical and numerical modeling of electromagnetic radiation and near-field interactions. In 2009, he then founded the FIELD IMAGING S.A.R.L. company, providing services in his areas of expertise. His research interests include small antenna design and measurement, 3-D electromagnetic simulation, near-field power dissipation mechanisms and Specific Absorption Rate (SAR) measurement and computation. Dr. Derat is currently an active member of the IEC MT62209 and ICES TC34 SC2.