

Dr. Philippe Ciuciu

Dr. Philippe Ciuciu obtained his PhD in electrical engineering in 2000 and his *Habilitation to Conduct Research* degree in 2008, both from the University of Paris-Sud (Orsay, France). His career began at the CEA (The French Alternative Energies and Atomic Energy Commission). In 2012-13 he was invited by the Department of Applied Mathematics at the University of Toulouse as a guest professor.

Dr. Ciuciu is now a **CEA Research Director** at NeuroSpin (CEA Paris-Saclay), the largest ultra-high field MRI center dedicated to cognitive and clinical neuroscience research. He has a joint appointment with Inria, the French Institute for Research in Digital Science and Technology where he has led, since 2018, the Compressed Sensing team in the former [Inria-CEA Parietal team](#). In April 2022, due to his expertise in neuroimaging techniques, brain data analysis, and machine learning, he co-leads the new joint [Inria-CEA MIND](#) (Models and Inference for Neuroimaging Data) lab, a cutting edge research unit comprised of 40 researchers and staff.

His inter-disciplinary research interests range from methodological developments in accelerated MRI to cutting-edge signal processing tools for the analysis of functional brain data (fMRI, M/EEG) with various applications in neuroscience. He has over 200 peer-reviewed publications, 5 MRI related patents and approximately 60 articles in prominent international journals.

Since 2019, he has held the position as **Senior Area Editor** for the *IEEE open Journal of Signal Processing* and from 2020, he was appointed as **Associate Editor** to *Frontiers in Neuroscience*, section: Brain imaging methods. From 2019-2021, Dr. Ciuciu was **Vice Chair** for the Biomedical Image and Signal Analytics (BISA) technical committee of the *EURASIP* society. Additionally, he was responsible for the topic related to Artificial Intelligence in MRI in the steering committee at the virtual 2021 *ESMRMB* conference. Concomitantly, he was a member of the steering committee of the *International Symposium on Biomedical Imaging* for 2020-2022 where he held **the role of the representative** of the IEEE Signal Processing society.