Stanford

Xiaojian Kang

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Bio

BIO

Dr Kang received his PhD in Physics and MS in Computer Science from Indiana University Bloomington in September of 1998. Then he joined Diagnostic Imaging Science Center at University of Washington in Seattle for postdoctoral research.

In September of 2000, he worked as an MR Physicist in the Human Cognitive Neurophysiology Laboratory in Department of Neurology at University of Californian at Davis. His tasks were to maintain and modify the sequences for MR research on a 3 T Siemens Verio scanner and a 1.5 T Philips Eclipse scanner, and develop new procedures for MR data analysis, statistics and visualization. He has published 40+ papers to introduce the innovative methods for MR data analysis, which including the local landmark method, high-resolution space method, and cortical surface projection mapping method, and automated method to detect brain abnormalities. All of the methods have been applied successfully to the MR researches in the lab.

In September of 2017, he joined as an MR Physicist in Palo Alto Veterans Institute for Research (PAVIR) at VA Palo Alto and the Adamson Brain Stimulation Lab in the Department of Neurosurgery at Stanford University. His main tasks are to participate in the research projects using GE and Siemens MR scanners funded by Department of Veterans Affairs and Department of Defense, and administration of windows and linux servers for neuroimaging studies.

Professional Education

• PhD in Physics, Indiana University Bloomington (1998).

• MS in Computer Science, Indiana University Bloomington (1998).

• MS in Electronic Engineering, Xi'an Jiaotong University, P. R. China (1987).

• BS in Electronic Engineering, Xi'an Jiaotong University, P. R. China (1984).