Postdoctoral Position in high resolution diffusion MRI

Centre de Résonance Magnétique des Systèmes Biologiques
Bordeaux, France

Position description
A 2-years postdoctoral position is available in the group under the supervision of Dr. Bassem HIBA at the Center for Magnetic Resonance of Biological Systems located in Bordeaux, France. The position will focus on methodological developments of high resolution Diffusion Imaging methods and their application for neuroimaging of small animals and humans. The candidate will work in a multidisciplinary team including biologists, physicists and MRI scientists.

Qualifications
The position is available for PhD candidates with experience in MRI and background in physics or engineering. Ideally the candidate will have an experience of NMR data processing and reconstruction and of C++ or Matlab programming.

Facilities
The RMSB Center owns two small animal Bruker MRI systems (4.7 T and 7 T), two high-resolution NMR spectrometers (400 and 500 MHz) and has access to a research human MRI scanner (3T). The RMSB Center is composed of 40 scientists involved in development and applications for biomedical MRS/MRI. The Center is located on the Life Sciences and hospital campus at 10 minutes from the city center with public transportation.

Environment
Bordeaux is a 1-million urban area and hosts one of the largest university and research community in France. Located in South west of France in close proximity of the Atlantic Ocean, the city, part of the World Heritage List, offers a wide range of cultural and outdoors activities.

Conditions of employment
The duration of the position is two years and amounts to 48 000 € gross annual salary with support from the Agence Nationale de la Recherche and Labex TRAIL.

For more information and application please contact:
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