

The Sound & Space research team, part of the Audio & Acoustics group at the LIMSI-CNRS, is currently offering a post-doctoral position related to its current activities in the direction of binaural audio and spatial hearing.

The research activities of the Sound & Space team span the fields of Spatial Hearing, Room Acoustics, and Virtual Reality and Audio Interfaces. Research domains include perceptual studies, perception and psychoacoustics, as well as technological development and prototype applications. Current works cover binaural technology, Ambisonics, and Wave-Field Synthesis. These technologies have been applied to various domains of research including spatial cognition, eyes-free guidance, multimodal interfaces, architectural auralizations, and room acoustics.

In response to several new projects concerned with binaural technology and its evaluation, we are looking for young researchers with solid experience in this field to compliment current researchers.

Research Disciplines: binaural technology, psychoacoustics, virtual reality, spatial hearing, and audio signal processing.

Particular interest will be given to candidates who are interested in pursuing a research career and would be interested to continue at LIMSI as a tenured researcher, although this is not a requirement for all applicants. While the LIMSI cannot guarantee a tenured researcher position, we are strongly motivated to aid and support young candidates in their applications for CNRS in the field of spatial audio. Specific details of the annual national CNRS recruitment procedure can be found at <http://www.dgdr.cnrs.fr/drhchercheurs/concoursch/default-en.htm>.

The post will be a 1-year position, with a possibility of renewal. Salaries will be determined according to experience following CNRS pay scale rules.

The LIMSI (<http://www.limsi.fr/>) is a CNRS laboratory (UPR 3251) associated with UPMC and Paris-Sud Universities, accommodating approximately 120 permanent personnel (researchers, professors and assistant professors, engineers, technicians) and about 60 PhD students. It undertakes multidisciplinary research in Mechanical and Chemical Engineering and in Sciences and Technologies for Information and Communication. Research fields cover a wide disciplinary spectrum from thermodynamics to cognition, encompassing fluid mechanics, energetics, acoustics and voice synthesis, spoken language and text processing, vision, virtual reality... Details of recent research activities can be found in the 2012 LIMSI Activity report (http://www.limsi.fr/Rapports/LIMSI_Rapport2012.pdf).

Candidates should provide a letter of motivation presenting their previous works, prospective research directions, possible starting date, and possible integration into the LIMSI research community. Applications should also include a CV, list of publications, 2 letters of reference, and contact information for 3 references. Incomplete applications will not be treated.

Starting dates for the fall of 2014 or early 2015 are preferred. While proficiency in French is not a requirement, for non-French speaking candidates a willingness and enthusiasm to learn is of course a benefit. Some course funding is available. There is no nationality requirement but selected candidates will need to pass a security check for admittance to the laboratory which can take up to 2 months processing time.

Complete applications, and any questions, should be addressed to Brian FG Katz, head of the Sound & Space team (<http://perso.limsi.fr/Individu/katz/>) at brian.katz@limsi.fr.