

## **Full-Time Postdoctoral Research Fellow and Researcher/Research Engineer in Computational Musicology, University of Strasbourg, France**

Applications are invited for a one-year post-doctoral Research position and a one-year Researcher/Research Engineer position, both based at the Institute of Advanced Mathematical Research (IRMA) of the University of Strasbourg. The two positions are available within the SMIR (Structural Music Information Research) Project supported by USIAS (University of Strasbourg Institute for Advanced Study), in collaboration with IRCAM (Institut de Recherche et Coordination Acoustique/Musique). The project investigates the use of structural mathematical methods based on algebra, topology and category theory in the field of MIR (Music Information Research) and aims to build bridges between different musical genres, ranging from contemporary art music to popular music, including rock, pop, jazz and chanson.

Applicants should have (or be about to receive) a PhD in mathematics or computer-science with a significant musical background. Strong skills in programming (e.g. Java, C/C++, Python, Matlab/Mathematica) are essential. A knowledge of algebraic models in computational music analysis and other symbolic approaches in MIR is an advantage. Applicants will need to demonstrate a record of research success and the ability to work independently and in a creative way. While French language skills are not mandatory, a fluency in English is required.

The two one-year posts are available, respectively, from 1st September 2017 and from 1st January 2018.

For further details about the SMIR Project, including the list of institutional collaborations, please visit: <http://repmus.ircam.fr/moreno/smir>

Applications must include a detailed CV with a list of publications and a motivation letter.

Contact:

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