



POS-DOCTORAL RESEARCH ASSISTANT
(Refª NORTE-07-0124-FEDER-000061)

A call for applications for Pos-Doctoral Research Assistant Position is now open, in the framework of the project “**MAT - Media Arts and Technology**” (NORTE-07-0124-FEDER-000061), co-funded by Fundo Europeu de Desenvolvimento Regional (FEDER), under Programa ON2, Eixo Prioritário 01-01 – Competitividade, Inovação e Conhecimento, Tipologia 01-01-01-24 – Apoio a Entidades do Sistema Científico e Tecnológico, and by Fundação para a Ciência e a Tecnologia.

Scientific Area: Sound and Music Computing

Requirements for admission: Applications are invited from candidates holding a PhD in Music Technology, Computer Science, Electrical Engineering or similar area. We are seeking applicants with a research and publication track record in either: Human-Computer Interaction, Music Information Retrieval, Music Technology, and related fields. Preference factors include (not mandatory): knowledge of Natural User Interfaces (NUI, TUI, NIME, Touch, etc.), familiarity with Max/MSP/Jitter, PureData, Processing, OpenFrameworks, Marsyas, and other programming toolkits and frameworks, experience with Object-Oriented Programming (Java, C++, ObjC, C#, etc.), scripting (MATLAB, Python, javascript), knowledge in Digital Signal Processing and Machine Learning.

Work plan: The successful candidate will be responsible for R&D work on the general topic of "Interaction with Music Information". The successful applicants are expected to contribute to one or several of the following research lines: Computational music description, Interactive music systems and procedural music generation, Natural user interfaces (NUI, TUI, NIME, ...). The successful applicants will integrate an international research team and will also have opportunity to collaborate on several funded research projects, together with a number of international partners.

Place of work: The work will be developed in CITAR – Research Center for Science and Technology in Art, in Porto, Portugal, reporting to the Project Coordinator, Dr. Luis Gustavo Martins.

Duration and conditions of the Contract: The contract will have duration of 12 months with possibility of renewal, planned to start on September. The gross annual salary is approx. 41.035,82 € (before tax deductions and social charges).





Selection methods: The selection of candidates will be conducted in the first instance based on the documents presented (below). The evaluation will attribute 40% of total to the merit of the CV presented and 60% to how adequately the candidates' scientific profile meets the specific requirements of the position. The final decision may involve, where necessary, interviewing up to three of the best-positioned candidates.

Composition of the Selection Panel: President of Panel: Dr. Luis Gustavo Martins, Permanent members: Dr. Cristina Sá, Dr. Carlos Sena Caires, Dr. Paulo Ferreira Lopes.

Form of disclosure/notification of results: The final evaluation results will be announced as an ordered list candidates according the rank obtained in the evaluation. This will be posted in a visible and public place in the School of Arts, Portuguese Catholic University, and the selected and other candidates notified by e-mail.

Application deadline and forms for submission of applications: The call is open for the period from 1 July to 31 July, 2013.

Applications must be formalized by a letter of application accompanied by the following documents: Letter of motivation stating the title and reference of the project, describing the motivation and professional goals of the applicant; detailed Curriculum Vitae, Copy of qualifications, copy of published works, and up to three letters of reference (optional).

Applications should be sent by email to Dr. Luis Martins (lmartins@porto.ucp.pt) and Direção de Gestão de Pessoas (gpeessoas@porto.ucp.pt).

Porto, 1 July 2013.

