IMV Allocation of PhD fellowships 2021

Proponent

Stefano Fasciani

Short text for the announcement

All proposals within the area of new technologies for music will be considered. In particular, we are looking for projects investigating novel applications enabled by advanced artificial intelligence techniques in the broad field of music, including analysis, production, synthesis, interaction or communication. The investigation may look at well-established contexts as well as experimental artistic practices. The appointed candidate will get full access to the state-of-the-art facilities at IMV…..

(the text can be extended if too synthetic)

Explanation for position allocation

The field of music technology is highly interdisciplinary and fits well with the vocation, tradition and diversity of IMV. Such projects can be carried out with co-supervision by external academics/professionals from other departments and/or from the industry we are already collaborating with. Due to the broad nature of musical applications supported by Artificial Intelligence (AI), such project can also establish some valuable and unique collaboration within our department. For example, AI analytical techniques supporting large-corpus cultural studies or AI supported music production are fields significantly unexplored to date (because AI work is usually carried out within the narrow/pragmatic scope of computer sciences or engineering). On the medium term a PhD candidate in music technology, this is also likely to strengthen external collaborations including application for large grants (a specific application for music and artificial intelligence was submitted last fall to Nordforsk but it was not successful).

Moreover, at the moment within the department (excluding RITMO) there are no PhD candidates working music technology-related projects, although we have a specific programme (MCT) in music technology. Allocating the position to this field can be beneficial for both the programme and the candidate, as it may attract some of our excellent graduating students.