PhD/Postdoc Fellowship in
Creative, Generative and Collaborative Sonic Computing

Theme: This position is rooted in the fields of Music Technology and Sound & Music Computing. In particular it opens for project proposals that explore novel creative and/or collaborative computational-based methods for sound and music. In particular we welcome submissions investigating generative approaches (i.e. primarily data-driven and machine-learning-based) based on novel techniques or on new applications of existing techniques, combined with network-based collaborative approaches. This is a fairly broad and open field of study and we recommend keeping the call fairly open to also include the expertise of the upcoming Associate Professor in Music Technology in the candidate selection process.

Main proposers: Stefano Fasciani & Alexander Refsum Jensenius

Supervisors: Stefano Fasciani & upcoming Associate Professor in Music Technology

The wider group: The music technology staff at IMV currently includes Alexander, Stefano, Tejaswinee, Aleksander T., and PhD fellows Riccardo and Maham. There are also music technology researchers we collaborate with at IFI: Bjørn Thor Jónsson, Cagri Erdem, Kyrre Glette, Carsten Griwodz. In addition, there are numerous research assistants and master students actively involved in our research activities (thesis, internships, assistantships) at IMV, RITMO, and IFI. The group is (and has been) very active in producing scientific publications (refer to Cristin.no) in organizing dissemination events (refer to the IMV events page), as well as in seeking for external fundings (refer to IMV research page).

Strategic partnership: the proposal is aimed at strengthening strategic partnerships with other ongoing initiatives:
- *Creative Computing Hub Oslo*: a cross-disciplinary research network with partners from different UiO departments and non-academic institutes within the Oslo region.
- EU Cost Action *Grassroots of Digital Europe: from Historic to Contemporary Cultures of Creative Computing (GRADE)*: a European cross-disciplinary network/project focused on the creative computing origins and heritage.
- The existing *Nordic Sound and Music Computing* university network between UiO, AAU, KTH, Aalto, Reykjavik (Nordfosk project).
- The upcoming *SMC4ALL Nordforsk* application: nordic-network on sound and music computing with primary focus on public dissemination through cultural institutions.
- The upcoming *Erasmus Mundus* application on collaborative Sound and Music Computing education
- Planned *DIKU UTFORSK* application on network music performance education with York University in Canada.
- Future PhD fellowships position from IFI or other departments established to strengthen the collaboration with IMV.

Position level: given the current shortage of Music Technology teaching resources (at both bachelor and master level), we recommend to "upgrade" this position to a Postdoc with 25% teaching duties over 4 years. This can provide some "oxygen" to the Music Tech group, as well as guarantee a more predictable study offer to our students in the medium term.

Additional considerations:
- The music technology field was practically excluded from the previous call for PhD fellowship by setting the theme to "Societal Challenges" (none of the received proposals was on music technology).
- We recommend a more flexible interpretation for the text of the call allowing to include the upcoming Associate Professor in Music Technology as co-supervisor.
- Given the current focus on "digital humanities" at UiO, it is important that IMV has researchers working on music technological topics.