Marie Skłodowska Curie Action – Postdoctoral Fellowship 2023
Expression of interest – Hosting offer
(MSCA-PF-2023)

Contact Person/Scientist in charge *(data of the principal investigator of the research group/lab or scientific supervisor)*	**Name**	Dr. Ögr. Gör. Konstantinos Vasilakos
	Surname	
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Laboratory /Department /Institute /Centre / *(data of the centre/department where the fellow would be located*	**Name**	ITU/MIAM Centre for Advanced Studies in Music
	Address	
Research Area *(Please select the research area: corresponding to the eight MSCA evaluation panels. You can select between one and up to three scientific areas per EOI)*		Social Sciences and Humanities (SOC)
Brief description of the Centre/Research Group *(max. 1,600 characters including spaces: information about the research centre or research group, scientific staff. Please include URL if possible)*		Istanbul Coding Ensemble (ICE), the home live coding research group of MIAM – Centre for Advanced Studies in Music is using live coding and just in-time programming techniques and focus on network music performance. It was founded on 2018 by Dr. Konstantinos Vasilakos and graduate students of Sonic Arts program at MIAM. Since then the group has been producing articles for academic events and has also provided valuable inputs in the international community of live coding and electroacoustic music composition. Amongst other events it has also participated in one of the EELISA events that took place in 2022 in ITU, Istanbul, Turkey.
Project description *(max. 1,800 characters including spaces: short description of the research project / research line where the fellow would be hosted and develop his /her project)*		Live coding in the context of laptop ensemble (ICE) is underdeveloped and therefore it offers a ground for musical experimentation and scholarly research both in computer science fields and musical interpretation. The project will involve the development of original works that elaborate in topics that are dictated by the current research implementations of live coding using networks and web-based interfaces. The project aims to deploy cutting edge technologies such as Socket programming and Machine Learning/AI capabilities to create real time interaction between acoustic music performers and live coders alike. The field of ML and AI seems to provide a new frontier for musical experimentation and is anticipated to form a fertile ground for findings amongst computer scientists and musicians creating an intersection of interdisciplinary research spearheaded by state of the art intelligently custom-made software for musical improvisation and composition utilizing acoustic instruments and computer aided digital environments.
Applications: documents to be submitted and deadlines *(Please indicate the documents that the candidate fellow should submit to establish contact: CV, letter of motivation, letter of references, etc., please indicate deadline. Recommended deadline: April 2023)*		CV, letter of motivation, previous works related to project description in the form of digital portfolio including links and/or publications, letter of references, deadline: April 2023