

Horizon 2020
Marie Skłodowska Curie Actions
PROFILE FORM – Expression of Interest

Organization Name / Department	AcrossLimits	Organization Short Name	AL
Organization Type	<input type="checkbox"/> University <input type="checkbox"/> Public Research Centre <input type="checkbox"/> Large Scale Enterprise <input checked="" type="checkbox"/> Small and Medium Scale Enterprise	<input type="checkbox"/> Public Body <input type="checkbox"/> International NGO <input type="checkbox"/> National NGO	
Research Fields	<input type="checkbox"/> Chemistry CHE <input type="checkbox"/> Social and Human Sciences SOC <input checked="" type="checkbox"/> Economic Sciences ECO <input checked="" type="checkbox"/> Information Science and Engineering ENG <input type="checkbox"/> Environment and Geosciences ENV <input checked="" type="checkbox"/> Life Sciences LIF <input checked="" type="checkbox"/> Mathematics MAT <input type="checkbox"/> Physics PHY	<u>Sub-Fields / Keywords:</u> <ul style="list-style-type: none"> • Statistics And Big Data • Algorithms • Distributed, Parallel And Network Algorithms • Artificial Intelligence • Intelligent Systems • Multi Agent Systems • Evolutionary Computing • Biologically-Inspired Computing • Machine Learning • Data Mining • Statistical Data Processing And Applications • Human Computer Interaction • Natural Language Processing • Neural Networks • Connectionist Systems • Fuzzy Logic • Parallel/Distributed Systems • Grid • Cloud Processing Systems • Combinatorics • Graph Theory • Mathematical Logic And Set Theory • Ordinary Differential Equations And Dynamical Systems • Partial Differential Equations • Probability • Set Theory 	
Short Description of the Organization / Department	AcrossLimits works in collaboration with several innovative technology companies and startups providing consultancy, support and assistance in their European and international projects. Within the area of mobility, AcrossLimits has hosted several students at vocational and graduate level over the years, especially in technology areas, and also startup entrepreneurs thanks to the Erasmus for Entrepreneurs Programme		

Previous Related Projects / Research Experience	AcrossLimits has been part of several European projects under different programmes including Erasmus+, Horizon2020 and Interreg. Most of these projects focus on the intersection of ICT technology with education, health, culture and digital infrastructures.
Short Description of the Project idea (if foreseeable)	Modern day AI systems generally work in a black box environment, where results are taken as is with little throughput as to how the decisions were made, apart from the initial data sets used to train the systems. With the recent advent of Explainable AI (XAI), we are now able to get direct feedback as to how solutions were attained from the system, however at its current stage this feedback is usually generated by working backwards from the result. Our project involves the betterment of the current standards of XAI, providing precise reasons why results are chosen and the logic behind those choices.
Related Call	Individual Fellowship – Society and Enterprise panel Marie Skłodowska Curie Actions
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