

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

Contact Person/Scientist in charge <i>(data of the principal investigator of the research group/lab or scientific supervisor)</i>	Name	Mehmet Nuri
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Laboratory /Department /Institute /Centre / <i>(data of the centre/department where the fellow would be located)</i>	Name	Electronics and Communication Department/Electromagnetic Research Lab
	Address	Elec. & Electronics Eng. Fac. of ITU - Istanbul – Ayazaga - Maslak
Research Area <i>(Please select the research area: corresponding to the eight MSCA evaluation panels. You can select between one and up to three scientific areas per EO)</i>		Information Science and Engineering (ENG) Mathematics (MAT) Physics (PHY)
Brief description of the Centre/Research Group <i>(max. 1,600 characters including spaces: information about the research centre or research group, scientific staff. Please include URL if possible)</i>		<p>We are working on inverse problems in electromagnetics, especially applications of microwave - mmwave imaging and sensing in biomedical applications and non-destructive testing.</p> <p>You can see my Google scholar profile: https://scholar.google.com/citations?user=clzoTSwAAAAJ&hl=en&oi=ao</p>
Project description <i>(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)</i>		<p>We want to work on developing both algorithms and hardwares for microwave – mmwave imaging and sensing targeting biomedical applications and non-destructive testing. We have a lab for making measurements up to 40 GHz (VNAs, an anechoic room) and also several computers for running high performance codes and licenses of programs for MATLAB and HFSS for making electromagnetic analysis.</p> <p>The outcomes of the project has to include both scientific articles in reputable journals and also some hardware design (a specific mm-microwave scanner for a targeted problem.)</p>
Applications: documents to be submitted and deadlines <i>(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)</i>		<p>The candidates should submit his/her CV and a letter of motivation. Recommended deadline: 13 July 2023 (2 moths before the submission of project to EU system.)</p>