

Horizon Europe PROFILE FORM

Organization Name / Department	Universtitat Pompeu Fabra, Department of Information and Communication Technologies	Organization Short Name	UPF
Organization Type	<input checked="" type="checkbox"/> University <input type="checkbox"/> Public Research Centre <input type="checkbox"/> Large Scale Enterprise <input type="checkbox"/> Small and Medium Scale Enterprise	<input checked="" type="checkbox"/> Public Body <input type="checkbox"/> International NGO <input type="checkbox"/> National NGO	
Research Fields	Wireless communications; communication theory, networking, signal processing; cellular networks, mobile networks.	<u>Sub-Fields / Keywords:</u> UAV/drone/aerial communications; Non-terrestrial/satellite communications; 5G, beyond 5G, 6G.	
Short Description of the Organization / Department	UPF was established in 1990 as a public university with a strong dedication to excellence in research and teaching. In just 31 years, it has earned a place for itself among the best universities in Europe. UPF is the first Spanish university in the world Top 200, positioned 152nd worldwide and 65th in Europe (THE2021), and ranked as 10th university worldwide under 50 years of age (THE2020) and 5th in Europe. UPF was ranked 1st among universities in Spain and among the top 50 in Europe with regard to the field of Computer Science (THE2019, THE2020 and THE2021 ranking by Subject). The Department of Information and Communication Technologies (DTIC) of UPF has a community of more than 300 international members, with a core of 44 faculty members organized around 24 research groups.		
Previous Related Projects / Research Experience	Ayudas Ramón y Cajal (UPF, 2021–2026), Principal Investigator. H2020-MSCA-ITN-2020 "META WIRELESS" (UPF, 2020–2024), Beneficiary. MINECO Project RTI2018-101040-A-I00 (UPF, 2019–2021), UPF, Principal Investigator. "la Caixa" Banking Foundation Junior Leader Fellowship (UPF, 2018–2021), Principal Investigator. H2020-MSCA-ITN-2018 "PAINLESS" (Nokia, 2018–2022), Beneficiary. https://www.upf.edu/web/giovanni-geraci/research		
Short Description of the Project idea (if foreseeable)	Interested in participating in a project where I could contribute to the integration of terrestrial and aerial/spaceborne wireless communications in 6G mobile networks.		
Related Call/Topic	HORIZON-CL4-2021-SPACE-01-11		
Contact Person	Dr. Giovanni Geraci https://www.upf.edu/web/giovanni-geraci Wireless and Secure Communications (WiSeCom) research group: https://www.upf.edu/web/wisecom/		
Position in the Organization	Tenure-Track Assistant Professor, "Ramón y Cajal" Fellow Coordinator of the Telecommunications Engineering Bachelor's Degree program		
Tel			
Email	giovanni.geraci@upf.edu		