



40th ESA Antenna Workshop

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Biography Presenter

Session Name	Surface Integrated Antennas
Day of the presentation	Thursday, 10th October
Paper / Presentation Title	Solar Panel Integrated End-fire Antenna Designs for Small Satellite Space Missions

Name Presenter	Dr. Victoria Gomez-Guillamon Buendia
Nationality Presenter	Spanish
Affiliation Presenter and Location (City, Country)	Heriot-Watt University (Edinburgh, United Kingdom)
Present Position	Research Associate
Name of other entities involved in the paper	Alba Orbital European Space Agency
Experience related to the presentation	<p>Victoria Gómez-Guillamón Buendía received the Telecommunications Engineer degree from the Technical University of Cartagena (UPCT), Cartagena, Spain, in 2015. She joined Heriot-Watt University as an international research student in 2015, where she was involved in the development of an in-flight wireless communication system for aircraft under a COST Short-Term Scientific Mission. In 2019 she obtained her Ph.D. degree in Electrical Engineering from Heriot-Watt University where she is currently a Research Associate. She was the recipient of the “ISSS Innovation Award 2018” and the “Postgraduate Research Prize” in 2018, awarded by Heriot-Watt University to Ph.D. students with an excellent research performance.</p> <p>Her research interest include surface-wave launchers and leaky-wave antennas implemented in different technologies especially, but not limited to, substrate integrated image guides, substrate integrated or parallel-plate waveguides. She is also involved in the design and integration of transparent antennas on solar panels for CubeSats and PicoSats applications.</p>

