

Dr. Jaume Anguera, named IEEE Fellow



Sant Cugat del Vallès, Barcelona, February 11, 2020 – **Dr. Jaume Anguera is named IEEE Fellow** for his contributions to small and **multiband antennas for wireless telecommunication devices**.

The most salient contribution of Anguera, recently named FRACTUS ANTENNAS' CTO, is **Virtual Antenna™** technology where he is the lead inventor together with his peer colleagues **Dr. Aurora Andújar** and **Dr. Carles Puente** at NN. The range of mXTEND™ products based on the Virtual Antenna™ technology, created by Jaume Anguera and his colleagues, enables **full**

functional multi-band wireless connectivity to smartphones and IoT devices through miniature and off-the-shelf antenna boosters that replace traditional customized antennas.

The IEEE Grade of Fellow is conferred by the IEEE Board of Directors upon a person with an outstanding **record of accomplishments in any of the IEEE fields of interest**. IEEE Fellow is the **highest grade** of membership and is recognized by the technical community as a prestigious honour and an important career achievement. "It is an honour to be named IEEE Fellow for the contribution to miniature and multiband antennas with antenna boosters that help the technological advancement of telecommunications for the benefit of society", said Jaume Anguera.

Dr. Anguera is co-founder and CTO of the technology company Fractus Antennas (Barcelona) and also **professor at Ramon LLull University** where he teaches subjects related to antennas and he is a member of the GRITS research group. The inventor of more than **130 patents**, most of them licensed to telecommunication companies and author of more than **230 scientific widely cited papers and international conferences**. Author of 6 books. He **has participated in more than 21 competitive research projects** financed by the Spanish Ministry, by CDTI, CIDEM (Generalitat de Catalunya) and the European Commission for an amount exceeding € 6M being a principal researcher in most of them. He has taught more than **20 antenna courses around the world (USA, China, Korea, India, UK, France, Poland, Czech Republic, Tunisia, Spain)**. With over 20 years of R&D experience, he has developed part of his professional experience with Fractus in South Korea in the design of miniature antennas for large Korean companies such as Samsung and LG. He has received several national and **international awards** (ex. 2004 Best Ph.D Thesis COIT, 2004 IEEE New Faces of Engineering, 2011 Alé Vinarossenc – Vinaròs, 2014 Finalist European Patent Award). He has directed the master/doctorate thesis to more than 100 students, many of them have received awards for their thesis (COIT, COITT, Ministry of Education). Founder of the ciènciaprop® scientific dissemination program. His biography appears in Who'sWho in Science and Engineering. He is associate editor of the IEEE Open Journal on Antennas and Propagation and reviewer in several IEEE scientific journals.

About Fractus Antennas

Barcelona-based Fractus Antennas SL designs, manufactures and commercializes miniature, off-the-shelf antennas for IoT, mobile connectivity, and short-range wireless devices. Founded as an independent antenna product business in 2015, Fractus Antennas was born out of the main Fractus operation and combines a respected R&D team with proven manufacturing capabilities and scale to bring to market a new generation of antenna products to meet the mobile and wireless connectivity needs of OEMs.

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