

Short Curriculum Vitae – Gabriele Pavan

Degree in Electronic Engineering (1993) at the University of Rome "Tor Vergata" and Ph.D (2000) in Environmental Engineering. Since 2002, he collaborated at the Faculty of Engineering teaching Theory of Random Phenomena and Signal Representation and Processing. Since 2007 he is Researcher (confirmed in 2010), currently working at the Department of Electronic Engineering of the University of Rome "Tor Vergata".

Main research activities are on Noise Radar Technology, Design criteria for a multi-phased array radar system (MPAR), Analysis of mutual interference among radars and others sources, weather radar systems.

Recent Publications (from 2016)

Galati G., Pavan G. Measuring the Anti-Intercept features of Noise Radar waveforms: the way ahead. IEEE 9th International Workshop on Metrology for AeroSpace, 27-29 June 2022 Pisa, Italy.

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Leonardi M., Galati G., Pavan G., Wasserzler C., De Palo F. Towards next generation of radar systems: Noise Radar Technology and Conformal Arrays for Multifunction Digital Radar. In Radar Evolution: CNIT – The Italian Academic Contribution, 2019 – ISBN: 978-8894982176.

Galati G., Pavan G. On Phase Folding in Random Phase/Frequency Modulation for Noise Radar. IEEE Geoscience and Remote Sensing Letters, Vol. 16, Issue 6, 2019, pp. 884 – 886. <https://doi.org/10.1109/LGRS.2018.2886065>.

Galati G., Pavan G. High Resolution Measurements and Characterization of Urban, Suburban and Country Clutter at X-Band and Related Radar Calibration. In Proceedings of IEEE 9th International Conference on Ultrawideband and Ultrashort Impulse Signals (UWBUSIS), pp. 20 – 27, 2019. <https://doi.org/10.1109/UWBUSIS.2018.8519964>.

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