

Prof. Dr. Alfonso FARINA



Alfonso FARINA, LFIEEE, FIET, FEng, Fellow of EURASIP, received the doctor degree in Electronic Engineering from the University of Rome (IT) in 1973. In 1974, he joined Selenia, then Selex ES, where he became Director of the Analysis of Integrated Systems Unit and subsequently Director of Engineering of the Large Business Systems Division. In 2012, he was Senior VP and Chief Technology Officer of the company, reporting directly to the President. From 2013 to 2014, he was senior advisor to the CTO. He retired in October 2014. From 1979 to 1985, he was also professor of “Radar Techniques” at the University of Naples (IT). He is the author of more than 800 peer-reviewed technical publications and of books and monographs (published worldwide), some of them also translated in to Russian and Chinese. Some of the most significant awards he’s received include: (2004) Leader of the team that won the First Prize of the first edition of the Finmeccanica Group (45,000 employees) Award for Innovation Technology, out of more than 330 submitted projects by the Companies of Finmeccanica Group; (2005) International Fellow of the Royal Academy of Engineering, U.K., and the fellowship was presented to him by HRH Prince Philip, the Duke of Edinburgh; (2010) IEEE Dennis J. Picard Medal for Radar Technologies and Applications for “Continuous, Innovative, Theoretical, and Practical Contributions to Radar Systems and Adaptive Signal Processing Techniques”; (2012) Oscar Masi award for the AULOS® “green” radar by the Italian Industrial Research Association (AIRI); (2014) IET Achievement Medal for “Outstanding contributions to radar system design, signal, data and image processing, and data fusion”. He is a Visiting Professor at University College London (UCL), Dept. Electronic and Electrical Engineering, CTIF (Center for TeleInfrastructures) Industry Advisory Chair, and a Distinguished Lecturer (DL) of IEEE AESS.

(2017) IEEE SPS Industrial Leader Award for contributions to radar array processing and industrial leadership.

(Since 2017) Chair of Italy Section Chapter, IEEE AESS-10.

(Jan 2018-Dec2019) IEEE Signal Processing Society 2018, Distinguished Industry Lecturer.

(Jan 2019-Dec 2021) Member of the IEEE AESS BoG.

Main received best paper awards: B. Carlton of IEEE – Trans. on AES (2001, 2003, and 2013), IET – Proc. on Radar Sonar and Nav. (2009-2010) and Int. Conf. on Fusion (2004, 2009).

(2018): Associate Editor, IEEE Signal Processing Magazine.

(2018-2019): Visiting professor at Cranfield University, UK.

(2019-2021): Member of the Board of Governors, IEEE AESS.

(2020): Honorary chair of IEEE RadarCon, Florence (www.radarconf20.org).

He is consultant to Leonardo S.p.A. "Land & Naval Defence Electronics Division", Rome (I).

The 26 October 2018 he was interviewed, among few top managers of the Company, at RAI Storia for the "70° anniversario di Leonardo Company" ("70th anniversary of Leonardo Company"). A 3 minute trailer is available at: <https://www.youtube.com/watch?v=xYarcsoiyC8>

Please, see also:

"A CONVERSATION WITH FRIEND: ALFONSO FARINA", interviewer: Fulvio GINI, IEEE AES SYSTEMS MAGAZINE, June 2016, pp. 41-49. IEEE Aerospace and Electronic Systems Society.