



Carlo Regazzoni

Full professor

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Education and training

1992

**Dottorato in Ingegneria delle Telecomunicazioni ed
Elaborazione dei Segnali**

University of Genova - Genova - IT

1987

Laurea in Ingegneria Elettronica

University of Genova - Genova - IT

Academic experience

2005 - ONGOING

Professore Ordinario Ingegneria delle Telecomunicazioni

Università di Genova - Genova - IT

Language skills

English

Proficient

Teaching activity

He is responsible of Radio Communications and Cognitive Dynamic Systems modules at Laurea Magistrale in Internet and Multimedia Engineering and at Laurea Magistrale omni Electronic Engineering

Postgraduate research and teaching activity

Supervision of PhD students, residents and post-doctoral fellows

Since 2009 he has been coordinator of Erasmus Mundus Joint Doctorate on Interactive and Cognitive Environments (ICE, composed by a consortium of five European Universities). He is coordinator since 2015 of the joint ICE PhD course with Queen Mary University of London, providing joint PhD titles. Since 2018 a dedicated curriculum has been extended to a PhD cooperation with same objectives with Universidad Carlos III de Madrid,.

Research interests

His main research interests: Cognitive dynamic systems, adaptive and self-aware video processing, tracking and recognition, generative models and inference based on dynamic Bayesian networks, Software and cognitive radio.

Editorial activity

Dr. Regazzoni is author or co-author of more than 95 papers on International Scientific Journals and of 400 papers at peer reviewed International Conferences/ book chapters. A list of papers can be found in several research repositories e.g,

https://www.researchgate.net/profile/Carlo_Regazzoni/contributions. He was awarded of best IEEE Vehicular Electronics VT paper award (2002) and of best student papers for his coauthored students papers at IEEE ICASSP 2008 and IEEE ICIP 2017. H-index Scopus (27, 3229 citations) Google Scholar (39, 6560).

Dr. Regazzoni is one of the pioneering researchers in Intelligent Video Surveillance. He participated to national and EU projects (e.g. Dimus, Esprit 1990) in this field since 1988. He was a founder in 1988 and Steering committee Chair (2010 -2012) and he served as General Chair (IEEE AVSS2009) of the Int. IEEE Int. Conf. on Advanced Signal and Video Based Surveillance Systems. He has been Technical program chair (IEEE ICIP2005, NSIP2002) and in the committee of several international conferences. He has been associate/guest editor of several int. journals (IEEE Trans on Image Processing and Circuits and Systems for Video Technology, Proc. of the IEEE, IEEE Signal Processing Magazine et al.). Dr. Regazzoni has been Associate Editor of several international journals: IEEE Signal Processing Letters, IEEE Trans. on Mobile Computing, IEEE Trans on Image Processing, IEEE Trans on Circuits and Systems for Video Technology, etc. He was co-editor of 4 edited books (Kluwer) on intelligent video surveillance (1999-2003). He has been keynote speaker at several international conferences and hold seminars at international Universities

Assigments abroad

In 2017-2018 he was awarded as Santander-UC3M Chair of Excellence at Universidad Carlos III de Madrid.

Other professional activities

He served as member of technical committees (IMDSP, MMSP, IFS) of the IEEE Signal Processing Society. He served in Best Paper Award committees for ICIP 2021 and ICASSP 2014. Dr. Regazzoni is member of IEEE, Girpr, Eurasip since 25 years. He served within IEEE SPS in different positions including (2011 – 2014) IEEE Italy SPS Chapter Chair, (2011-2012), IEEE SPS Regional-Director-at-Large of Region 8, (2012-2017) member IEEE SPS Board of Governors. (2013-2014) Director of Membership Services, Chair of the Membership Services subcommittee, He has served (2015-2017) as Vice President Conferences IEEE SPS and member of IEEE SPS Excom He is now

serving as a member of the committee for the 2019 IEEE Fourier for Signal Processing award board.