

Marina Ruggieri graduated in Electronics Engineering in 1984 at the University of Roma. She was: with FACE-ITT and GTC-ITT (Roanoke, VA) in the High Frequency Division (1985-1986);

Research and Teaching Assistant at the University of Roma Tor Vergata (RTV) (1986-1991); Associate Professor in Telecommunications at Univ. of L'Aquila (1991-1994). Since November 2000 she is Full Professor in Telecommunications at the RTV (Dpt. Electronics Engineering), teaching DSP, Information and Coding.

She has participated to various International Committees for Professor Chair, Ph.D and Master degrees in various Universities (Lund-Sweden,, Delft-The Netherlands, Toulouse-France, Trondheim-Norway, Aalborg-Denmark).

In 1999 she has been appointed member of the Board of Governors of the IEEE AES Society (2000-2002) and re-elected for the period 2003-2005.

Her research mainly concerns space communications and navigation systems (in particular satellites) as well as mobile and multimedia networks.

She is the Principal Investigator of: a satellite scientific communications mission (DAVID) of the Italian Space Agency; a national research program of ASI on W-band payloads (WAVE); a national research program (CABIS) on CDMA integrated mobile systems, co-financed by MIUR (2000-2002); a national research program on satellite-HAP integrated networks for multimedia applications (SHINES), co-financed by MIUR (2002-2004).

She co-ordinates the Roma Tor Vergata Unit in various European Projects: EU FP6 IP **MAGNET** (My personal Adaptive Global **NET**); EU ASIA LINK **EAGER-NetWIC** (Euro-Asian Network for Strengthening Graduate Education and Research in Wireless Communications); EU Network **NEXWAY**; GALILEO JU 1st Call – July 2003: **VERT** (VEhicular Remote Tolling); and in the ASI research program on V-band payloads (**TRANSPONDERS**).

She is and has been involved, with different roles, in the organisation of international Conferences and Workshops.

She is member of the Editorial Board of Wireless Personal Communications - an International Journal (Kluwer). She was awarded the *1990 Piero Fanti International Prize* and she had a nomination for the *Harry M.Mimmo Award* in 1996 and the *Cristoforo Colombo Award* in 2002.

She is an IEEE Senior Member (S'84-M'85-SM'94).

She is author of about 170 papers, on international journals/transactions and proceedings of international conferences, book chapters and books.

MAIN WORK FOR AES: Since 2001, she is Editor of the IEEE Transactions on AES for “Space Systems”, Chair of the IEEE AES Space Systems Panel. Since 2002, she is co-chair of Track 2 “Space Missions, Systems, and Architecture” of the AES Conference; she has been re-appointed in the IEEE Judith A. Resnik Award Committee for 2004; she has been member of TPC for PLANS 2004.

