

## SCHEDA BIOGRAFICA

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Facoltà di Ingegneria

Insegnamento/i: Comunicazioni Elettriche

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### Curriculum (in italiano)

He received the "Laurea in Ingegneria Elettronica" degree (summa cum laude) from Politecnico di Torino in February 1990 with a thesis on cryptography (advisor Prof. Michele Elia). During his Ph.D., he spent six months as visiting student at MIT, Cambridge, and ETH, Zurich. He obtained the "Dottorato di Ricerca in Ingegneria Elettronica" from Politecnico di Torino in March 1994 with a thesis on Trellis Coded Modulation (advisor Prof. Sergio Benedetto).

From 1994 to 1997, he was a Design Engineer at the Radio Link Laboratory of Marconi Communications, Genova, working on high-rate all-digital modems and error-control scheme design. From 1998 to 2001 he was an Associate Professor at the University of Ancona. Since November 2001 he is an Associate Professor at Politecnico di Torino.

In 2003 he was elected Senior Member of IEEE. He has been the Project Manager of 16 international and national research projects. He collaborates with national and international communication companies, in particular ESA (space links), Telecom Italia (ADSL and LTE), CSP (cognitive radio), and ISMB (indoor positioning).

He is the leader of Wi2P group (Wireless and Wired @ Polito), composed by young talented researchers from all over the world. He has been the advisor of 10 PhD thesis (three ongoing). His main research interests are channel coding, cognitive radio, indoor positioning, communication systems (ADSL and LTE), and signal processing applications.

From 2006 to 2008, he was the Coordinator of the Communication Engineering degree of Politecnico di Torino. He has been the advisor of more than 100 MSc thesis. Currently, he is the teacher of courses on communication systems, digital modulations and coding.

Ai sensi del D. L.gvo del 30 giugno 2003, n. 196 (Codice in materia di protezione dei dati personali), informato delle finalità del trattamento dei dati e della loro registrazione su supporti informatici, nonché dei soggetti responsabili dello stesso,

AUTORIZZO

con la trasmissione di questa scheda, UNINETTUNO Università Telematica nella figura del Rettore prof. Maria Amata Garito al trattamento dei dati personali contenuti in questo modulo per esclusive finalità didattiche e di ricerca al fine di consentire lo svolgimento dell'insegnamento e delle pratiche amministrative collegate.