

Curriculum attività scientifica (italiano)

Fulvio Babich è nato a Trieste il 5 aprile 1959. Si è laureato in Ingegneria Elettronica, con lode, presso l'Università di Trieste nel luglio 1984. Dopo la laurea ha lavorato nei laboratori di ricerca e sviluppo della Telettra, operando nel settore delle telecomunicazioni su fibra ottica.

Successivamente ha lavorato in Zeltron, in qualità di responsabile delle attività nei progetti ESPRIT HS. Dal 1992 è entrato a far parte del Dipartimento di Elettronica (DEEI) della Facoltà di Ingegneria, presso l'Università di Trieste, dove è professore associato di Trasmissione Numerica e docente di Reti di Telecomunicazione. Nel periodo marzo-agosto 1997 ha effettuato una visita di studio al WINLAB, Rutgers University, NJ (USA), per svolgere attività di ricerca nel settore dell'accesso multiplo e dei modelli del canale radio. Attualmente si occupa di reti radio e comunicazioni personali. Le attività di ricerca principali riguardano la caratterizzazione del canale radio, le tecniche di accesso, la codifica di canale, le tecniche per il controllo dell'errore e, più in generale, le tecniche di progetto di tipo cross-layer. Fulvio Babich funge da revisore per conto di numerose riviste e convegni internazionali, e ha svolto il ruolo di co-chair per il Communication Theory Symposium nell'ambito del convegno ICC 2005, Seul. Egli è Senior Member dell'IEEE.

(inglese)

Fulvio Babich was born in Trieste, Italy, on 5 April 1959. He received the doctoral degree, (Laurea), cum laude, in Electrical Engineering, at the University of Trieste, on July 1984. After graduation he was with Telettra at the Research and Development Laboratories, where he was engaged in optical fiber communications. Then he joined Zeltron, where he was a communication system engineer, responsible of the activities within the ESPRIT program. In 1992 he joined the Department of Electrical Engineering (DEEI) of the University of Trieste, where he is Associate Professor of Digital Communications and telecommunication Networks. In the period March 1997-August 1997 he was visiting scholar at WINLAB, Rutgers University, NJ, working on multiple access protocols and discrete fading models. His current research interests are in the field of wireless networks and personal communications. He is involved in channel modeling, multiple access techniques, channel encoding, error control techniques and cross-layer design. Fulvio Babich serves as reviewer for many international journals, and has served as co-chair for the Communication Theory Symposium for ICC 2005, Seul. He is Senior Member of IEEE.

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