**Fabrizio Di Pasquale** is full professor of telecommunications at Scuola Superiore di Studi Universitari e Perfezionamento Sant’Anna (Institute of Communication, Information and Perceptual Technologies - TECIP).

He was born in Melito di Porto Salvo, Italy, in 1963.

He received the degree in Electronic Engineering from University of Bologna, Italy, in 1989 and the Ph.D. degree in Information Technology from University of Parma, Italy, in 1993. From 1993 to 1998, he was Research Fellow at the Department of Electrical and Electronic Engineering, University College London, U.K., working on integrated optics, optical amplifiers, WDM optical communication systems and liquid crystal displays. From 1998 to 2000 he was with Pirelli Cavi e Sistemi and then with Cisco Photonics Italy from 2000 to 2002, designing and developing amplified WDM optical communication systems.

Fabrizio Di Pasquale has been director of the CNIT Photonic Networks National Laboratory from 2011 to 2013 and from December 2016 he was deputy director of the Institute of Communication, Information and Perception Technologies (TECIP) at Scuola Superiore Sant’Anna from 2016 and 2019.

He is co-founder of INFIBRA TECHNOLOGIES s.r.l, a spin-off company of Scuola Superiore Sant’Anna, developing and marketing advanced fiber optic sensor systems.

His current research interests include silicon photonics, optical fiber sensors, integrated optical sensors and biosensors on silicon photonics chips.

He has filed over 20 international patents and he is the author and co-author of over 230 scientific journals and conference papers in the areas of optical amplifiers, optical communications systems, liquid crystal displays, silicon photonics and optical fiber sensors.

He has been scientific responsible and coordinator of several research projects funded by the European Commission (FP6 and FP7), by national and regional funding agencies and by private companies like GE Oil&Gas (Baker Hughes), Rete Ferroviaria Italiana (RFI), Brembo S.p.A., Continental Automotive Italy S.p.A. and Ericsson.

Fabrizo Di Pasquale is elective Member of the National Committee for Abilitazione Scientifica Nazionale (09/F2 Telecommunications) 2018-2021.

He has been Member of the Technical Program Committee (TPC) of several international conferences such as 2018 IEEE IMTC, APOS 2018, 2016, 2015, OECC/ACOFT 2014, Frontiers in Optics (OSA Annual Meeting) from 2013 to 2016, the European Workshop on Optical Fiber Sensors EWOFS 2015, the European Conference on Optical Communications ECOC from 2009 to 2012, the Asian Pacific Optical Communications 2005 and Suboptic 2004.

Fabrizio Di Pasquale is on the Board of Reviewers of several IEEE, OSA and SPIE Journals.

He regularly supervises Master and PhD students at Scuola Sant’Anna (see list of his former PhD students).

Former Ph.D. Students:

Stefano Faralli (Scuola Superiore Sant’Anna, TECIP Institute, Pisa, Italy)

Gabriele Bolognini (National Research Council, CNR,Bologna, Italy)

Arismar Cerqueira Sondre (National Institute of Telecommunications, Inatel, Brasil)

Claudia Cantini (AP Sensing, UK)

Valentina Donzella (University of Warwick, Coventry, UK)

Tomasz Rogowski (PSE Innowacje Sp. zo.o., Wroclaw, Poland)

Paolo Pintus (University of California Santa Barbara, USA)

Veronica Toccafondo (CNIT Photonic Networks National Laboratory, Pisa, Italy)

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Sohel Mahmud Sher (Khulna University, Bangladesh)

Mohammad Taki (Université Libanaise, Beirut, Lebanon)

Farhan Zaidi (AP Sensing GmbH, Germany)

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