

## AVVISO DI SEMINARIO

Il Prof. Mirco Raffetto, nell'ambito dell'insegnamento "Fibre ottiche e fotonica" del Corso di Laurea Ingegneria Elettronica e Tecnologie dell'Informazione, invita gli interessati al seminario:

### An overview of Optical Transmission

**Ing. Gianmarco Bruno**

27 febbraio 2018, ore 13.15 – 15.45  
DITEN – Università degli Studi di Genova  
Via All'Opera Pia, 15a – 16145 Genova  
Aula B12

Il seminario sarà tenuto in italiano.

**Sommario:** Optical transmission is at the heart of current and future Internet and is essential to make it successful and pervasive. Its current applications range from ultra-short connections to transoceanic backbones. Its success is backed by a family of advanced technologies, including component manufacturing, signal processing up to network control and design. This seminar will share an overview of the evolution of optical transmission, its applications and possible areas of evolution.

**Biografia:** Gianmarco Bruno received his M.Sc. degree in electrical engineering from the University of Genova, Italy, in 1999. He has been working with Ericsson, formerly Marconi, in the Optical Network Development Unit in Genova since 2000, dealing with performance modelling, system design and optimization of optical transport networks and systems. Since 2014 he has been involved in the development of the Ericsson Software Defined Networking controller and planner for transport networks (IP over DWDM). He is an author of more than 40 technical publications and has contributed to ITU-T SG15 as Ericsson delegate for optical transport standardization.