



Avviso di Seminario

Nel quadro delle iniziative scientifiche dell'Italian Chapter dell'IEEE-Photonics Society, il Prof. Hypolito José Kalinowski della Federal University of Technology - Paraná (Brasile) terrà il seminario su:

Research & Development on Photonic Devices and Applications

Il seminario, aperto a studenti e docenti interessati, avrà luogo il giorno 26 Gennaio 2012 alle ore 14.30 nell'Aula 17 nel chiostro della Facoltà di Ingegneria, in via Eudossiana, 18.

ABSTRACT. We resume the research results obtained by the Photonics group at Federal University of Technology - Paraná (Brazil). Optical fiber sensors were developed in standard and microstructured fibers using Bragg and long period gratings in several engineering areas (biomedical, structures, electrical, chemical). Results from the recording of optical waveguides in optically active crystals, using femtosecond pulse laser, will be also presented.

Hypolito José Kalinowski received the B.Sc. degree in Physics from the Universidade Federal do Paraná (UFPR), Curitiba, Brazil, and the M.Sc. and Ph.D. degrees from Pontifícia Universidade Católica do Rio de Janeiro, Brazil.

He spent a Post Doctoral term within the Centro Studi e Laboratori Telecomunicazioni (CSELT), Torino, Italy. After working at the Fluminense Federal University he moved to the Federal University of Technology - Paraná (UTFPR) where he is an Associate Professor. His current research interests are photonic devices for optical communications and optical fiber sensors. In 2006/7, he spent a sabbatical leave at the University of Aveiro and Telecommunications Institute, Portugal. His research interests include optical fiber Bragg gratings for industrial and biomedical sensors, fibre devices for optical communications devices and femtosecond engraved Bragg waveguides in optically active crystals.

Dr. Kalinowski was the President of the Brazilian Society for Microwaves and Optoelectronics (SBMO) from 1996 to 1998, and he served a three year term as a member of the Advisory Panel on Electrical Engineering of the Brazilian Research Council (CNPq). He is member of the IEEE, SPIE and OSA.

Per informazioni:

Francesco Michelotti

Francesco.michelotti@uniroma1.it

Antonio d'Alessandro

antonio.dalessandro@uniroma1.it