



Máster en Ingeniería de Sistemas y Servicios Accesibles para la Sociedad de la Información

E.U.I.T. Telecomunicación

Curso 2010-2011

Fall activities seminar

Optical communications



Professor

Prof. Dr.-Ing. Steffen Lochmann (Hochschule Wismar, University of Technology, Business and Design, Faculty of Engineering, Department of Electrical Engineering and Computer Science, Germany)

Prof. Dr. Ing. Steffen Lochmann is a Professor for Signal and System theory at the Hochschule Wismar, University of Technology, Business and Design, Germany. His main field of interest are optical communications.

Dates:

October 13th – 14th 2010, Room: 3004

Workload:

1 ECTS

Wednesday 13th October: 15:30h - 17:30h

Thursday 14th October: 15:30h - 16:30h

Contents:

Part 1: Fundamentals of optical Fibre Transmission

Part 2: Beam Propagation Method (BPM): a versatile CAD-Tool for simulations optical components

Part 3: With high speed optical fibre networks and slow light into the photonic century