

# Seminar on Optical communications



## Escuela Universitaria de Ingeniería Técnica de Telecomunicación



Universidad Politécnica de Madrid

### Contents

Part 1: Fundamentals of optical Fibre Transmission

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

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

### Prof. Dr. Ing. Steffen Lochman

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.

### Timetable

Wednesday 11<sup>th</sup> October: 15:30h - 18:30h

Thursday 13<sup>th</sup> October: 15:30h - 17:30h

### Room

Javier Hernández (3005)

### Audience and Incriptions

This seminar is mainly aimed to Master students and 3<sup>rd</sup> level students.

Inscriptions should be done at the students' secretary of the EUIT de Telecomunicación or at the event room

### Credits

The students attending the event will get 1 credit. Master students should perform an additional home work.