

ND-PHOT Meeting 2016

Nonlinear dynamics in photonics for future information and communication technologies

Palma, 27 October 2016

9:40-9:45 - Welcome

9:45-10:00 - Bicky Marquez, FEMTO-ST: Dynamical optics experiments with spatial light modulator based on a neuromorphic approach

10:00-10:15 - Adrien Godet, FEMTO-ST: Fabrication and characterization of optical microwire

10:15-10:30 - Xavier Romain, FEMTO-ST: Nano-optics: Optical Forces & Metallic Metamaterials

10:30-10:45 - Venancio Calero, FEMTO-ST: Reconfigurable lithium niobate integrated nanophotonics

10:45-11:00 - Souleymane Diallo, FEMTO-ST: Kerr and Brillouin Optical Frequency Combs Using WGM Resonators for Microwave Generation

11:00-11:45 - Coffee break

11:45-12:00 - Lucie Delcey, FEMTO-ST: Stability of stationary solutions for the Lugiato-Lefever equation

12:00-12:15 - Ismail Ouadghiri-Idrissi, FEMTO-ST: Control of nonlinear instabilities using longitudinally shaped Bessel beams

12:15-12:30 - Apostolos Argyris, IFISC: Photonic reservoir computing for optical header recognition

12:30-12:45 - Julian Bueno, IFISC: Conditions for reservoir computing performance using semiconductor lasers with delayed optical feedback

13:00-14:30 - Lunch at Son Lledó

14:30-15:30 - IFISC Seminar by Yanne K. Chembo

15:30 - Discussions

PICS 2015. Proyectos Internacionales de Colaboración Científica.

