

## **Nonlinear fiber optics and metrology for the industry (AITC)**

October 19<sup>th</sup>-20<sup>th</sup> 2017

### **19<sup>th</sup> October (Sala de Seminarios, Serrano 121)**

**9:30 - 9:45** Welcome and badge pick-up

**9:45 - 11:30:** José María Soto-Crespo (IO-CSIC)

"Dissipative solitons in fiber lasers"

**11:30 - 12:00:** Coffee Break (Lobby, IO-CSIC)

**12:00 - 13:00:** Hugo Martins (FOCUS)

"Making the transition: Working in the Photonics industry"

**13:00 -14:00:** Lunch (CSIC Cantina)

**14:00 - 17:00:** Pedro Corredera Guillén (IO-CSIC) (with coffee break in the middle)

"Optical fiber metrology and its industrial applications"

(Brief introduction and hands-on session in the laboratories of NDFO, Serrano 144)

## **20<sup>th</sup> October: Joint ICONE - SINFOTON Training Session and Autumn Fair**

(Salón de Actos, School of Telecommunications Engineering, Polytechnic University of Madrid)

**9:30 - 10:00** Badge pick-up

**10:00 - 10:30** Welcome from the Director of the School

**10:30 – 11:15** José Capmany (Universidad Politécnica de Valencia) (Invited speaker)

"Waveguide mesh photonics: The path to programmable multifunctional optics"

**11:15 - 11:45** Coffee Break

**11:45 - 12:30** Antonio Martí (Universidad Politécnica de Madrid) (Invited speaker)

"Madrid PV - Materials, devices and technologies for the photovoltaic industry"

**12:30 - 14:00** SINFOTON student project competition

**14:00 - 15:00** Juan Diego Ania Castañón (IO-CSIC)

"The ICONE network: a pan-european training initiative in coherent optical communications"

**15:00 - 16:00** Lunch break

**16:00 - 17:15** ICONE / SINFOTON Poster Session

**17:15 - 17:30** Closing remarks