

XIII Symposium on Enabling Optical Networks and Sensors

8th July, UBI, Covilhã

Program:

9:30 – 9:45 Welcome to UBI

9:45 – 10:00 Opening Session

10:00 – 10:30 Carvalho Rodrigues, “Belief Systems Enable Optical Networks and Sensors”

10:30 – 11:00 Joel Rodrigues, “Internet of Things: Challenges and Issues”

11:00 – 11:30 Coffee break - Poster Session

11:30 – 12:00 Álvaro Almeida, “Quantum Communications in Optical Fibers”

12:00 – 12:15 Joana Tavares et al, “Phase-Conjugated Twin Waves Performance Assessment in Few-Mode Fibers”

12:15 – 12:30 Naresh Kumar et al, “10 Gbit/s OFDM based FSO for Passive Optical Networks”

12:30 – 14:00 Lunch

14:00 – 14:30 Mário Freire, “High Performance Datacenter Networking”

14:30 – 14:45 Miguel Ferreira et al, “Refractive Index Sensing Using FBG based Fabry-Perot in Polymer Fiber”

14:45 – 15:00 Catarina Monteiro et al, “Optical fiber pressor sensor based microsphere structure embedded polymer material”

15:00 – 15:15 Cátia Pinho et al, “Optical compensation approach for SDM systems”

15:15 – 15:30 Pacheco de Carvalho et al, “Performance Effects of Topology on IEEE 802.11 a, b, g Laboratory Open Four-node PTMP Links”

15:30 – 15:45 Closing Session

Poster Session:

- Álvaro Almeida et al, "Chirp parameter characterization of a laser combined with a MZM using fiber dispersion"
- André Almeida et al, "Experimental analysis of 10Gb/s LASER with amplitude modulation in NG-PON2 context"
- Berta Neto et al, "Thin-Film Filters applications for Next Generation Passive Optical Networks"
- Diogo Lage et al, "High Bandwidth Wireless Optical Communication System using Small Form-factor Pluggable Transceivers"
- Guilherme Cabral et al, "Photonic Integrated Haar Function"
- Isiaka Alimi et al, "Analysis of Atmospheric Effects on RF Signal Transmission over the Optical Wireless Communication Links"
- Lucas Marques et al, "Implementation of a Digital Thermometer using Xilinx Spartan 3E"
- André Gomes et al, "Fiber Bragg Grating on Abrupt Tapered Tip for Refractive Index and Temperature Sensing"
- Regina Magalhães et al, "Analysis of Signal Saturation and Added-signal in a Fiber Ring Resonator integrating an Intensity Sensor"