

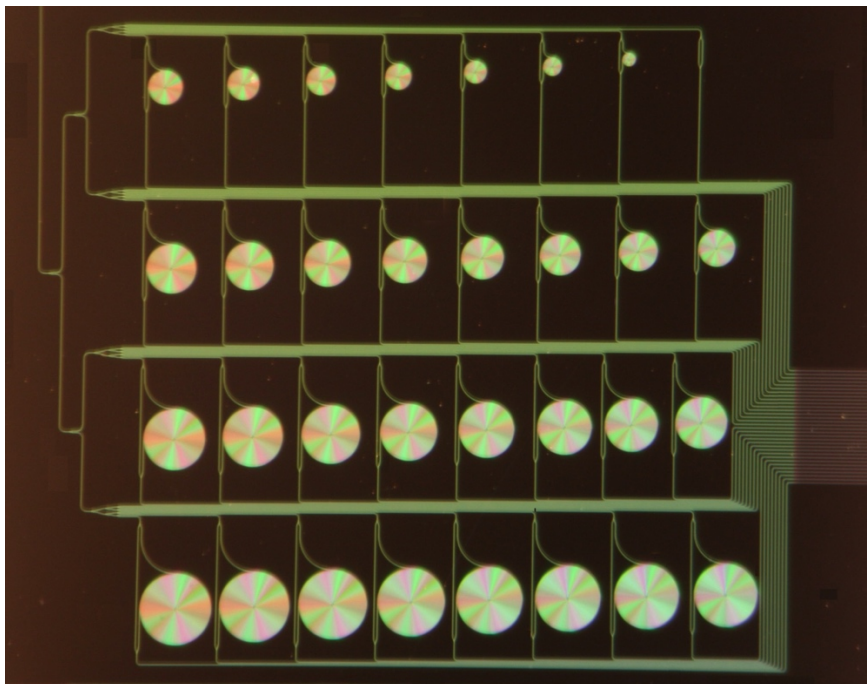


EUROPEAN COMMISSION
RESEARCH EXECUTIVE AGENCY

Marie Skłodowska-Curie Research and Innovation Staff Exchange

4th Workshop on Photonics & Sensing

organized by MSCA-RISE SENSIBLE Project



Madrid, 17-18 October 2019

Serrano 144, Madrid

CSIC, Madrid, Spain

[Map](#)

Free event

please confirm attendance at david.gonzalez@csic.es

DAY ONE

09:30 – 13:00 SESSION 1: SENSIBLE RESEARCH ACTIVITIES

09:30 - 09:45 Overview of the research programme and current status and future plan

9:45 - 11:15 Reporting on successful joint collaborations across SENSIBLE consortium

- 9:45 - 10:10 Srdjan Sladojevic (Panonit): Deep learning methods for energy disaggregation & health monitoring
- 10:10 - 10:35 David González (CSIC): Subwavelength metamaterials for high-performance photonic devices
- 10:35 - 11:00 Lina Stankovic (University of Strathclyde): Smart Chair Sensing

11:00 – 11:30 Coffee break & networking

11:30 - 13:10 Reporting on successful joint collaborations across SENSIBLE consortium

- 11:30 - 11:55 Ivan Glesk (University of Strathclyde): Improving network scalability with OCDMA and through SOA management of picosecond code carriers
- 11:55 - 12:20 Vladimir Stankovic (University of Strathclyde): Robust Classification methods with applications to seismic event monitoring, STRATH/York (WP3)
- 12:20 - 12:45 Milica Petkovic (FTN): Smart lighting
- 12:45 - 13:10 Umair Korai Baloch (University of Strathclyde): Athermal integrated interferometers

13:10 – 14:30 Lunch break & networking

14:30 – 17:30 SESSION 2: PHOTONIC TECHNOLOGIES

- 14:30 – 15:00 Francisco Escribano (Universidad de Alcalá): Coded multiple access in OWC networks.
- 15:00 – 15:30 Fernando Gordo (Universidad Politécnica de Madrid): Polymer photonics
- 15:30 – 16:00 Alaine Herrero (Alcyon Photonics): Fourier Transform integrated microspectrometers.

16:00 – 16:30 Coffee break & networking

- 16:30 – 17:00 Pedro Contreras (Universidad Carlos III de Madrid)
- 17:00 – 17:30 Rosario Fernández (Universidad de Alcalá): Distributed Acoustic Sensing based on chirped-pulse ϕ OTDR

End of Day One



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DAY TWO

9:30 – 13:30 SESSION 3: TRANSVERSAL SKILLS

09:30 – 09:45 Introduction to Day 2

9:45 – 13:30 SCIENTIFIC AND ENTREPRENEURIAL SKILLS

09:45 - 10:45 A. Villafranca (CSIC): Protecting your research with patents
(**WORKSHOP**)

10:45 – 11:15 C. Mendigutia (BeAble Capital): Entrepreneurship: creating a spinoff
from the lab

11:15 - 11:45 Coffee break

11:45 – 13:30 GENDER AND LGBT+ EQUALITY IN SCIENCE

11:45-12:15 F. Gallazzi (SEDOPTICA): Women in Optics & Photonics Group

12:15-13:15 D. Romero (PRISMA Association): Sexoaffective and gender identity
diversity in science (**WORKSHOP**)

13:15-13:30 Final Remarks and closing

End of Day Two