

# C-PASS

Conference on Photonics  
for Advanced Spectroscopy and Sensing



## CALL FOR PAPERS

### Conference Chairs

Marco Grande - Politecnico di Bari, Italy,

William Whelan-Curtin - Munster Technological University, Ireland

Vincenzo Spagnolo - Politecnico di Bari, Italy

### Timeline

**15 March 2023**

Abstract submission deadline

**15 April 2023**

Authors notification

**01 May 2023**

Early bird registration

**01 July 2023**

Post-deadline abstract submission (poster only)

**31 July 2023**

Registration closes

**C-PASS** is the 1<sup>st</sup> edition of the international conference series on **Photonics for Advanced Spectroscopy and Sensing** and will be held on **3-8 September 2023 in Castellaneta Marina, Italy**.

It aims to bring together researchers from both industrial and academic laboratories to stimulate new research initiatives in the fields of **integrated photonics, lasers, optical spectroscopy and sensing in the near- and mid-infrared spectral regions**.

C-PASS will provide overview lectures given by leading experts in the fields, emphasizing integrative and multi-disciplinary approaches. Talks and posters will be presented by researchers and industrial partners active in application fields not limited to **environmental and bio-medical applications, agri-food analysis and industrial process monitoring and control**. Both fundamental and applied research contributions are welcome.

### Topics for C-PASS 2023 include

- ✓ Gas and liquid sensing and spectroscopy
- ✓ Photoacoustic and photothermal gas sensing
- ✓ Integrated photonics for sensing and spectroscopy
- ✓ Sensor phenomenology, modeling and evaluation
- ✓ Emerging sensor technologies and applications
- ✓ Novel mid and near-IR sources for gas and liquid sensing
- ✓ Optical sensor systems: signals, processing and interfaces
- ✓ Optical sensors for agrifood analysis and industrial applications
- ✓ Environmental sensors, biosensors, new instrumentation and methodology
- ✓ VOCs and particulate detection

### Publications

A C-PASS special issue will be open on SENSORS MPDI and selected authors may submit an extended version of their paper at **reduced fees**.

### Exhibition

Exhibition booths for sponsors will allow to show and promote products, services, new equipment and the recent progress of commercial systems.

### Young researcher awards

C-PASS strongly encourages the participation of young researchers and Ph.D. students with the opportunity to interact with international teams of experts and present and discuss their studies.

**Best oral and poster presentations will be awarded.**



Visit the website at [www.c-pass.eu](http://www.c-pass.eu) for up-to-date information