

IEEE CAMSAP Workshop 2025

December 14 - 17, 2025, Punta Cana



Following the success of the first nine editions of the IEEE Workshop on **Computational Advances in Multi-Sensor Adaptive Processing (CAMSAP)**, we are pleased to announce the tenth workshop in this series. IEEE CAMSAP 2025 will be held at Melia Caribe Beach Resort in Punta Cana, Dominican Republic and will feature several plenary talks from the world's leading researchers in the area, special focus sessions, and contributed papers to be presented in oral and poster sessions. All papers will undergo peer review to provide feedback to the authors and ensure a high-quality program.

General chairs

Antonio G. Marques

King Juan Carlos University, Spain

Gonzalo Mateos

University of Rochester, USA

Technical program chairs

Fauzia Ahmad

Temple University, USA

Alexander Bertrand

KU Leuven, Belgium

Plenary and tutorials chair

Geert Leus

TU Delft, The Netherlands

Special sessions chair

Waheed Bajwa

Rutgers University, USA

Finance chair

Luana Ruiz

Johns Hopkins University, USA

Publications chair

Samuel Rey Escudero

King Juan Carlos University, Spain

Student activities chair

Hoi-To Wai

Chinese University of Hong Kong, HK

Publicity and website chair

Nicolas Gillis

University of Mons, Belgium

Topics and applications of interest for the workshop include, but are not limited to, the following:

TOPICS

- Array processing, waveform diversity, space-time adaptive processing
- Active and passive sensing
- Convex optimization and relaxation
- Computational linear & multi-linear algebra
- Computer-intensive methods in signal processing
- Signal and information processing over networks
- Sparse signal processing
- Tensor and graph signal processing
- Machine learning and artificial intelligence

APPLICATIONS

- Big data
- Biomedical signal processing
- Communication systems
- Computational imaging
- Remote sensing, geophysics, radar, sonar, acoustics
- Sensor networks
- Smart grids
- Integrated sensing and communications

PAPER SUBMISSION

Papers cannot be longer than 5 pages (double-column IEEE conference format), including all text, figures, and references. The 5th page cannot contain any text other than references. See the website for additional information about the submission process:

<https://campsap25.ig.umons.ac.be/>

SPECIAL SESSION PROPOSALS

In addition to regular sessions, the workshop will also comprise special oral sessions. Prospective organizers of special sessions are invited to submit a proposal form, available on the workshop website, to the special session chair Prof. Waheed Bajwa (waheed.bajwa@rutgers.edu).

BEST STUDENT PAPER AWARDS

The CAMSAP best student paper awards, selected by a specific committee, will also be presented at the workshop. The selection will be based on the technical quality, originality, and clarity of the submission.

IMPORTANT DATES

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| • Special session proposals | May 15, 2025 |
| • Full paper submission | July 1, 2025 |
| • Notification of acceptance | August 31, 2025 |
| • Camera-ready paper | September 15, 2025 |

