

# IEEE CAMSAP Workshop 2023

## December 10 - 13, 2023, Costa Rica



Following the success of the first eight editions of the IEEE Workshop on Computational Advances in Multi-Sensor Adaptive Processing (CAMSAP), we are pleased to announce the ninth workshop in this series. IEEE CAMSAP 2023 will be held at the Los Sueños Marriott Ocean & Golf Resort in Costa Rica and will feature a number of plenary talks from the world's leading researchers in the area, special focus sessions, and contributed papers. All papers will undergo peer review in order to provide feedback to the authors and ensure a high-quality program.

### General chairs

#### Martin Haardt

Ilmenau Univ. of Techn., Germany

#### André de Almeida

Federal Univ. of Ceara, Brazil

### Technical program chairs

#### Maria Sabrina Greco

University of Pisa, Italy

#### Sergiy Vorobyov

Aalto University, Finland

### Special sessions chairs

#### Kejun Huang

University of Florida, USA

#### Piya Pal

UCSD, San Diego, USA

### Financial chairs

#### Wei Liu

University of Sheffield, UK

#### Qing Shen

Beijing Institute of Tech., China

### Publication chairs

#### Christoph Mecklenbräuker

TU Wien, Vienna, Austria

#### Rémy Boyer

University of Lille, France

### Local arrangement chairs

#### Jordi Vilà-Valls

ISAE-SUPAERO, Toulouse, France

#### David Brie

University of Lorraine, France

#### Santiago Segarra

Rice University, USA

### Publicity chair

#### Nicolas Gillis

University of Mons, Belgium

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

#### TOPICS

- Active/passive sensing
- Array processing, waveform diversity, space-time adaptive processing
- 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
- Geophysics, radar, sonar, acoustics
- Sensor networks
- Smart grids

#### PAPER SUBMISSION

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

<https://camsap23.ig.umons.ac.be/>

#### SPECIAL SESSION PROPOSALS

In addition to regular sessions, the workshop will also have a number of special sessions. Prospective organizers of special sessions are invited to submit a proposal form, available on the workshop website, to the special session chairs. ([kejun.huang@ufl.edu](mailto:kejun.huang@ufl.edu) and [pipal@eng.ucsd.edu](mailto:pipal@eng.ucsd.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

- |                              |                    |
|------------------------------|--------------------|
| • Special session proposals  | June 15, 2023      |
| • Full paper submission      | July 29, 2023      |
| • Notification of acceptance | September 22, 2023 |
| • Camera-ready paper         | October 22, 2023   |

