

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 5th 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 and 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

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

