



[camsap19.ig.umons.ac.be](http://camsap19.ig.umons.ac.be)



Following the success of the first seven editions of the IEEE workshop on Computational Advances in Multi-Sensor Adaptive Processing, we are pleased to announce the eighth workshop in this series. IEEE CAMSAP 2019 will be held at Le Gosier, Guadeloupe, French Antilles, 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**

David Brie, University of Lorraine, France

Jean-Yves Tourneret, University of Toulouse, France

**Technical program chairs**

Geert Leus, TU Delft, Netherlands

Antonio G. Marques, King Juan Carlos University, Spain

**Special sessions chairs**

Romain Couillet, University of Grenoble-Alpes, France

Yoann Altmann — Heriot-Watt University, Scotland

**Financial chairs**

Mónica F. Bugallo, Stony Brook University, New York, USA

Jordi Vilà-Valls, University of Toulouse / ISAE-SUPAERO, France

**Publication chairs**

Nicolas Gillis, University of Mons, Belgium

Yannick Berthoumieu, University of Bordeaux, France

**Local arrangement chairs**

Guillaume Ginolhac, University of Savoie Mont-Blanc, France

Cédric Richard, University of Nice Sophia Antipolis, France

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
- Convex optimization and relaxation
- Computational linear & multi-linear algebra
- Computer-intensive methods in signal processing (bootstrap, MCMC, EM, particle filtering, etc.)
- Signal and information processing over networks
- Sparse signal processing
- Tensor and graph signal processing

**APPLICATIONS**

- Big data
- Biomedical signal processing
- Communication systems
- Computational imaging
- Geophysics, 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://camsap19.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 sessions chairs. ([romain.couillet@centralesupelec.fr](mailto:romain.couillet@centralesupelec.fr) and [Y.Altmann@hw.ac.uk](mailto:Y.Altmann@hw.ac.uk))

**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  | March, 2019     |
| • Full paper submission      | July, 2019      |
| • Notification of acceptance | September, 2019 |
| • Early advance registration | October, 2019   |