



# IEEE SiPS 2019

IEEE Workshop on Signal Processing Systems

20-23 October 2019, Nanjing, China

*Advanced Signal Processing for Smart Learning and Implementation*

## CALL FOR SPECIAL SESSION

The IEEE Workshop on Signal Processing Systems (SiPS) is a premier international forum addressing current and future challenges and new research directions on the design and implementation of signal processing systems.

### PROPOSAL SUBMISSION

The SiPS 2019 will be held in Nanjing, China, October 20-24, 2019. The program committee is now inviting proposals for Special Sessions for SiPS. Special Sessions complement the regular technical program by highlighting state-of-the-art and emerging research topics or innovative applications of established approaches. The topic of a special session proposal should be timely and high-impact.

The theme of the conference this year is "**Advanced Signal Processing for Smart Learning and Implementation**". However, proposals in all areas of design and implementation of signal processing, included in but not limited to the conference theme, are encouraged. In particular, we encourage Special Sessions that provide opportunities to the participated students, engineers, and scientists from all over the world, especially in Nanjing and other parts of China to learn cutting-edge engineering and scientific materials from the experts.

While we welcome special sessions in all areas of Signal Processing Systems, we are particularly interested in focused research topics, specifically those related to the following innovation themes:

- Software Implementation of Signal Processing Systems
- Hardware Implementation of Signal Processing Systems
- Machine Learning for Signal Processing
- Design Methods of Signal Processing Systems
- Signal Processing Application Systems
- Emerging Technologies

Special sessions can also cover any other area focusing on challenging open problems of relevance in applications.



## SPECIAL SESSIONS PROPOSAL REQUIREMENTS

Proposal should include the following information:

- 1. Title and abstract:** Propose a title and a brief abstract of no more than approximately 100 words that will allow conference attendees to understand the topic and the focus of the special session.
- 2. Rationale:** Please explain why the topic of the special session is novel and timely, why it is relevant to the SiPS community and how it possibly fits within the innovation themes listed in the previous page.
- 3. Potential speakers:** Provide a list of all talks, speakers, and co-authors (in each associated paper). Technical sessions are normally expected to have 5~6 papers. In exceptional cases (like industrial talks, or contribution by particularly renowned speakers) it may be possible to have sessions of one talks without an associate paper or a talk which will have a double-time slot for the presentation. In these cases, please contact the Special Sessions Chairs in advance (before submitting your proposal) to explain the rationale of your request.
- 4. Biographies:** Provide a short bio-sketch of the session proposers

Special Session Proposals are accepted until May 15, 2019. Notifications of acceptance will be made by May 25, 2019. Please send proposals to the co-chairs below, with copy to [chzhang@seu.edu.cn](mailto:chzhang@seu.edu.cn) and [zfwang@nju.edu.cn](mailto:zfwang@nju.edu.cn) :

- Fei Qiao, Tsinghua University: [qiaofei@tsinghua.edu.cn](mailto:qiaofei@tsinghua.edu.cn)
- Shan Cao, Shanghai University: [cshan@shu.edu.cn](mailto:cshan@shu.edu.cn)