

Call for Symposia Proposals

We invite symposium proposals for the sixth IEEE Global Conference on Signal and Information Processing (GlobalSIP) which will be held in Anaheim, CA, on November 26-28, 2018. GlobalSIP is a flagship IEEE Signal Processing Society conference that focuses on signal and information processing with an emphasis on up-and-coming signal processing themes. The conference features world-class plenary speeches, distinguished symposium talks, tutorials, exhibits, oral and poster sessions, and panels. GlobalSIP is comprised of co-located General Symposium and symposia selected based on responses to the call-for-symposia proposals. Topics include but are not limited to:

- Signal and information processing for
 - communications and networks, including green communications
 - optical communications
 - forensics and security
 - finance
 - Energy, power systems, smart grid
 - neural networks, deep learning
 - genomics and bioengineering (physiological, pharmacological and behavioral)
- Image and video processing
- Selected topics in speech processing and human language technologies
- Human machine interfaces
- Multimedia transmission, indexing, retrieval, and quality of experience
- Selected topics in statistical signal processing
- Cognitive communications and radar
- Graph-theoretic signal processing
- Machine learning
- Compressed sensing, sparsity aware processing
- Seismic signal processing
- Big data and social media challenges
- Hardware and real-time implementations
- Other (industrial) emerging applications of signal and information processing.

Symposium proposals should contain the following information: Title; duration (e.g., full day or half day); paper length, acceptance rate; name, address, and a short CV (up to 250 words) of the organizers, including the technical chairs (if any); a 1-page or 2-page description of the topics to be addressed, including timeliness and relevance to the signal processing community; names of (potential) members of the technical program committee; invited speakers' names; a draft call for papers. Please pack everything together in a single pdf document. More detailed information can be found in GlobalSIP2018 Symposium Proposal Preparation Guide.

Proposed Timeline

- **Feb. 10, 2018:** Symposium proposals due (EXTENDED)
- ~~Feb. 3, 2018:~~ Symposium selection decision made
- ~~Feb. 10, 2018:~~ Call for Papers for accepted Symposia
- **June 10, 2018:** Paper submission due
- **July 31, 2018:** Notification of Acceptance
- **Aug. 15, 2018:** Camera-ready paper due.

Symposium Proposal Preparation Guide

Overview of Technical Symposia at GlobalSIP

Each symposia has its own technical chairs and review processes. The symposia are tied together through co-location, common timing, shared plenary, parallel oral lecture sessions, parallel poster sessions, and a single conference registration fee. There will be one keynote presentation per day held in a single room across the entire conference. Please consider the following when generating a Symposium proposal:

- Interdisciplinary themed symposia are strongly encouraged.
- Industry Outreach: Each Symposium should include at least one industry component (e.g., an industry-academic panel discussion session, a Distinguished Symposium presentation or a regular presentation by an industry leader).
- Distinguished Symposium Presentations/Talks: For each Symposium, there could be a fixed number of invited Distinguished Symposium Presentations (i.e., 1-2 for half-day Symposium and 2-3 for one-day Symposium), tutorials, or a panel discussion depending on the preference of the organizers. •
- Flexible Symposium sessions: Symposium organizers are encouraged to propose alternate ways to allow participants to discuss topics related to the Symposium theme. Examples can be panels, group brainstorming sessions, mini-tutorials, paper-less industry presentations, Ongoing Work tracks and proof of concept demonstration sessions.
- Symposium Oral and Poster Presentations: Oral presentations will be 15-20 minutes in length. For each poster paper, a standard space of 4 feet x 8 feet will be provided. Each poster session will be 1.5-2 hours in duration, and will consist of 10-15 papers that may be any combination of invited and/or contributed papers. The oral and poster presentations can accommodate different types of submissions:
 - Accepted regular conference papers (4-6 pages): Will be indexed in IEEE Xplore;
 - Accepted extended abstracts (up to 2 pages): For paper-less industry presentations and Ongoing Work presentations, prospective authors are required to submit descriptions of the work as extended abstracts, up to 2 pages in length. Accepted abstracts will not be indexed in IEEE Xplore, but the abstracts and/or the presentations will be included in IEEE SPS SigPort.

Guideline for Symposium Proposals

A complete symposium proposal shall have the following components:

1. Title of the symposium
2. Length of the symposium
3. Paper length requirement
4. Information about organizers: Names, addresses, short CV (up to 250 words) of the organizers including the general organizers and the technical chairs of the symposium
5. Email the complete proposal to: symposium-proposal@2018.ieeeglobalsip.org