IEEE GlobalSIP 2019

Nov 11-14, 2019

7th IEEE Global Conference on Signal and Information Processing

Shaw Centre, Ottawa, Canada

CALL FOR SYMPOSIA PROPOSALS

IMPORTANT DATES

March 31, 2019
Symposium proposals due

April 15, 2019
Symposium selection decision made

Call for Papers Deadlines
June 3, 2019
Paper submission due

July 1, 2019
Notification of Acceptance

August 15, 2019
Camera-ready paper due

ORGANIZERS

General Co-Chairs

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IEEE Signal Processing Society ®

We invite symposium proposals for the sixth IEEE Global Conference on Signal and Information Processing (GlobalSIP) which will be held in Ottawa, Canada, on November 11-14, 2019. 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:

TOPICS OF INTEREST

» 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

» 5G wireless communication

» Massive MIMO

» Mm-Wave communication

» Bio-image analysis

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: **IEEEGLOBALSIP2019@listserv.ieee.org**