The fourth IEEE Global Conference on Signal and Information Processing (GlobalSIP) will be held in Greater Washington, DC, USA on December 7–9, 2016. The conference features world-class plenary and keynote talks, tutorials and government panel discussions, as well as co-located timely symposia selected based on the responses to the Call for Symposium Proposals.

- General symposium
- Compressed sensing and deep learning
- Signal and information processing over networks
- Distributed information processing, optimization, and resource management
- Transceivers and signal processing for 5G wireless and mm-wave systems
- Information theoretic approaches to security and privacy
- Signal processing of big data

- Cognitive communications and Radar
- Big data analytics and challenges in medical imaging
- Signal processing for understanding crowd dynamics
- Signal and information processing for smart grid infrastructure
- Non-commutative theory and applications
- Sparse signal processing for communications
- Emerging signal processing applications

Call for Participation
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Plenary Speakers
- Ben Vigoda (Gamalon Machine Intelligence)
- Danielle Bassett (University of Pennsylvania)
- Stéphane Mallat (Ecole Normale Superieure)

Government Panel
- Brian Sadler (ARL), Moderator
- David Aha (NRL)
- Charles Clancy (Virginia Tech)
- Jill Crisman (IARPA)
- Tom Rondeau (DARPA)
- Paul Tilghman (DARPA)

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Conference highlights
- 14 technical symposia with 24 keynotes by leading experts overviewing emerging SIP topics
- Government panel discussions on funding opportunities and trends
- New industrial symposium on emerging SP applications with demos and exhibitions
- Great venue with vibrant cultural, educational, and scientific identity, housing museums (many are free), monuments, art centers, universities, and federal agencies
- Opportunity to attend both GlobalSIP and Globecom (Dec 4-8, 2016) in one trip

Advance Registration Deadline: Oct. 28, 2016
Hotel Reservation Cut-Off at Conference Rate: Nov. 15, 2016