CALL FOR TOPICAL SYMPOSIUM PAPERS

We invite paper submissions for the 6th 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:

**SYMPOSIA CALL FOR PAPERS**

- **Machine Learning in Multimedia Communication**
  General Chairs: Sebastian Bosse (Fraunhofer Berlin), Johannes Balle (Google)

- **Artificial Intelligence for Future Wireless Communication**
  General Chairs: Chuan Zhang (Southeast U, China), Jienan Chen (University of Electronic Science and Technology of China)

- **Signal Processing Challenges in Modern Radio Astronomy**
  General Chairs: Gregory Hellbourg (Curtin U, Australia), Ian Morrison (Curtin U, Australia), Amit Mishra (U Cape Town), Gelu Nita (NJIT), Richard Prestage (U West Va)

- **Deep Learning for Healthcare Engineering**
  General Chair: Zun Chen (USTC)
  Technical Chairs: Jane Wang (UBC), Shun Miao (PingAn U), Mehdi Moradi (IBM)

- **Signal Processing Advances for Non-Orthogonal Multiple Access Schemes**
  General Chairs: Shahram Shahbazpanahi (OnTechU), Zheng Ma (KTH, Sweden), Dr. Octavia Dobre (Memorial University)
  Technical Program Chairs: Wen Chen (Shanghai Jiaotong U), Zhiguo Ding (Manchester U), Yan Chen (Huawei), Gang Liu (Southwest Jiaotong U)

- **Graph Signal Processing**
  General Chairs: Gonzalo Mateos (U Rochester), Santiago Segarra (Rice), Sundeep Prabhakar Cepuri (IISc)

- **Advanced Bio–Signal Processing and Machine Learning for Assistive and Neuro-Rehabilitation Systems**
  General Chairs: Dario Farina (Imperial), Svetlana Yanushkevich (U Calgary), Konstantinos Plataniotis (U Toronto)

- **Tensor Methods for Signal Processing and Machine Learning**
  General Chairs: Xiao Fu (Oregon State), Panos Markopoulos (RIT), Evangelos Papalexakis (UCR)
  Technical Chairs: Fauzia Ahmad (Temple), Remy Boyer (U Lille), Andre de Almeida (U Ceara), Kejun Huang (UF), Dimitris Pados (FAU)

- **Machine Learning, Optimization and Security for Future Energy Delivery Systems**
  General Chairs: Mahnoosh Alizadeh (UCSB), Josh Taylor (UofT), Anna Scaglione (ASU)

- **Signal/Information Processing and AI for Finance and Business**
  General Chairs: Xiao-Ping Zhang (Ryerson), Kumar Bhasakaran (IBM Watson)

Please visit: 2019.ieeeglobalsip.org
Signal Processing for Human Machine Learning Systems
General Chairs: Aditya Vempaty (Xio Research), Bhavya Kailkhura (Lawrence Livermore), Pramod Varshney (Syracuse U)
Technical Chairs: Sijia Liu (IBM), Jayaraman Thiagarajan, Lawrence Livermore, Junwei Li, Lawrence Livermore

Signal and Information Processing for Person-centered and Citizen-centered Smart Living
General Chairs: Sethuramanpanchanathan (ASU), Abdoulmotaleb El Saddik (U Ottawa)
Technical Chairs: Konstantinos Platanitis, University of Toronto, Anup Basu (U Alberta), Troy McDaniel (ASU), Hemanth Venkateswara (ASU)

Intelligent Wireless Security Provisioning for 5G and Beyond
General Chairs: Xianbin Wang, Western U, He Fang, Western U, Stefano Tomasin, University of Padova

Machine learning for Wireless Communications, Networking, and Security
General Chairs: Silvija Kokalj-Filipovic (Perspecta Labs), Tim O’Shea (DeepSig & Virginia Tech), Yalin E. Sagduyu (Intelligent Automation), Yi Shi (Virginia Tech and Intelligent Automation), George Stantchev (NRL), Osman Yagan (CMU)

Signal Processing and Machine Learning for Social Good
General Chairs: Daphney-Stavroula Zois, ASU, Charalampos Chelmis, U Albany
Technical Chairs: Theodora Chaspari (TAMU), Reihaneh Rabbany, McGill, Yasin Yilmaz, USF

Machine Learning for Rare Event Detection in Healthcare
General Chairs: Rafik Goubran (Carleton), James R. Green (Carleton), Yasmina Souley Dosso (Carleton) and Madison Cohen–McFarlane (Carleton)
Technical Chairs: Adrian D. C. Chan (Carleton) and Roy Wang (Carleton)