



General Information

IWSP is intended to be a one day international workshop on the latest developments in signal processing. The speakers are internationally renowned experts that give keynote and invited talks. This workshop has no general call for papers this year.

Scope

The applications include but not limited to speech, audio, video, biomedical, radar, and remote sensing data. The goals of IWSP2017 are as follows:

- Conducting cutting edge research in the field of signal processing theory
- Setting the stage for cooperation with eminent international institutions in the area of theoretical signal processing, improving academic ties and training research groups as well as educational staff in related fields
- Informing national schools and research institutions and interested individuals of the latest scientific achievements in the mentioned theory
- Cooperation in facilitating the interchange of professors and students between various national and international schools
- Reinforcing inter-university relationships and training research groups as well as educational staff in the mentioned topics
- Planning and initializing joint research projects among schools and research institutions
- Collaboration with research communities in holding conferences and workshops in the fields regarding the mentioned topics

Location

Workshop venue: Iran Telecommunication Research Center (ITRC), North Kargar st., Tehran, Iran.

Secretariat: Room 503, Department of Electrical Engineering, Sharif University of Technology, Tehran, Iran.
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<http://iwsp.ir>



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General Chairs

Chair:

Arash Amini, Sharif University of Technology

Co-chair:

Farokh Marvasti, Sharif University of Technology

Technical Program

- Topic models and applications in video content analysis, by *Dr. Iman Gholampour, Sharif University of Technology*
- Dense 3D point cloud generation from remotely sensed imagery, by *Prof. Farhad Samadzadegan, University of Tehran*
- Advances in electrocardiogram signal processing and analysis, by *Dr. Reza Sameni, Shiraz University*
- Applications of signal processing in mathematical modeling of cancer treatment and its early diagnoses, by *Dr. Arta Jamshidi, University of Tehran*
- Random sampling, by *Prof. Farokh Marvasti, Sharif University of Technology*
- Sparsity and rank-minimization based techniques in signal processing, by *Dr. Masoumeh Azghani, Sahand University of Technology*
- Model-based signal processing for personalized therapy through implantable devices, by *Dr. Alfredo Hernandez, French National Institutes of Health and Medical Research*

Sponsors



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