



Monday, May 2, 2016, Tehran, Iran

## General Information

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

## General Chairs

### Chair:

Hamid Soltanian-zadeh, University of Tehran

### Co-chair:

Farokh Marvasti, Sharif University of Technology

## Scope

The applications include but not limited to speech, audio, video, biomedical, radar, and remote sensing data. The goals of IWSP2016 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

## Technical Program

- Biomedical Signal Processing: Opportunities and Challenges, *by Prof. Mohammad Hasan Moradi.*
- Trends in Speech Recognition, *by Dr. Hossein Sameti.*
- Some of the Current Trends in Sparse Signal Processing, *by Dr. Arash Amini.*
- A Survey of Blind Source Separation, *by Prof. Massoud Babaie-Zadeh.*
- Blind Deconvolution with Random Masks, *by Dr. Soheil Bahmani.*
- Big Data: A Tradeoff View from Communication to Biological Networks, *by Prof. Babak H. Khalaj.*
- Multi-Dimensional Signal Processing in Medical Imaging, *by Prof. Hamid Soltanian-zadeh.*
- Genomics Signal Processing, *by Dr. Abolfazl Seyed Motehari.*
- Real-time Signal Processing in Implantable Biomedical Microsystems, *by Dr. Amir Masoud Sodagar.*
- Questions and Answers on Contribution of Prof. Kailath on Signal Processing, *by Prof. Thomas Kailath.*

## 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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