

International Workshop on Signal Processing (IWSP 2018)

Thursday, May 10, 2018, Tehran, Iran

Kish Island

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 IWSP2018 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

General Chairs

- Chair:** **Dr. Arash Amiri**
Sharif University of Technology
- Co-chair:** **Prof. Farokh Marvasti**
Sharif University of Technology

Technical Program

- **Artificial Intelligence: From Imagination to Realization**
By Dr. Mohammad Ali Akhaee (*University of Tehran*)
- **Information Theoretic Learning: An Approach to Signal Processing**
By Dr. Babak Seyfe (*Shahed University*)
- **Matrix Completion: A Random Matrix Approach**
By Dr. Farzan Haddadi (*Iran University of Science and Technology*)
- **Neonatal Head Modeling using MR and CT images**
By Prof. Hamid Abrishami Moghaddam (*K. N. Toosi University of Technology*)
- **Generative Adversarial Networks for Image and Signal Generation**
By Dr. Mahdieh Soleymani (*Sharif University of Technology*)
- **Multiple-template-based segmentation of medical images**
By Dr. Alireza Akhondi-Asl (*University of Tehran*)
- **Special Program:**
 - Machine Learning Challenge
 - Ph.D. Students Presentation

Location

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

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

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