



# IEEE International Symposium on Signal Processing and Information Technology

**December 10-12, 2019 - Ajman – United Arab Emirates**

### General Chairs

*Khaled Assaleh*  
Ajman University, UAE  
*Adel Elmaghraby*  
University of Louisville, USA

### Technical Program Chairs

*Ayman Tawfik*  
*Raed Abu Zitar*  
Ajman University, UAE

### Finance & Registration Chair

*Ammar Reda*  
University of Connecticut, USA

### Publication Chairs

*Fadi Jaber*  
*M. Akmal Chaudary*  
Ajman University, UAE

### Local Arrangements Chair

*Hasan A. Zidan*  
Ajman University, UAE

### Publicity Chairs

*Ammar Rashid*  
Ajman University, UAE  
*Mohamed El-Kharashi*  
Ain Shams University, Egypt

### Special Sessions & Journal Publication

#### Big Data & Information Processing

*Riyadh Mehdi*  
Ajman University, UAE

#### Bioengineering and Health

*Ayman El-Baz*  
University of Louisville, USA  
Arabic Natural Language Processing  
*Mohammad Abushariah*  
The University of Jordan, Jordan

ISSPIT 2019 is the 19th IEEE International Symposium on Signal Processing and Information Technology. It is a premiere technical forum for researchers in the fields of signal processing and information technology. ISSPIT 2019 will include state-of-the-art oral and poster presentations related to the key areas outlined below. Accepted papers will be published in the Proceedings of IEEE ISSPIT 2019. Best Papers will be considered for awards and invited to extend the manuscript for journal publication. A special session for undergraduate poster competition will be held. Prizes will be awarded for the best three posters.

### Papers are invited in the following (not exclusive) topics:

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|--|--------------------------------------|
| • Signal Processing Theory and Methods                 | • Sensor Arrays and Networks         |
| • Signal Processing for Communications and Networking  | • Radar Signal Processing            |
| • Design & Implementation of Signal Processing Systems | • Internet Software Architectures    |
| • Image, Video & Multidimensional Signal Processing    | • Multimedia and Image Based Systems |
| • Multimedia Signal Processing                         | • Object Based Software Engineering  |
| • Biological Image and Signal Processing               | • Mobile Computing and Applications  |
| • Audio and Acoustic Signal Processing                 | • E-Commerce                         |
| • Health Informatics                                   | • Big Data                           |
| • E-Health And M-Health                                | • Information Processing             |
| • Speech Processing                                    | • Geographical Information Systems   |
| • Computer Networks                                    |                                      |
| • Neural Networks                                      |                                      |
| • Bioinformatics and Bioengineering                    |                                      |

### Special Tracks

- Blockchain and Cybersecurity
- Health and Wellness
- Machine learning and Signal Processing
- Bioengineering
- Smart Communities

Prospective authors are invited to submit full-length, 6-page (max) papers in two column formats including diagrams and references. Authors can submit their papers as PDF files. More information regarding submissions can be found on the ISSPIT website: <http://www.isspit.org/isspit/2019/>. The title page should include author(s) name(s), affiliation, mailing address, telephone, fax, and e-mail address. The author should indicate one or two of the above categories that best describe the topic of the paper.

### TENTATIVE IMPORTANT DATES

<p>Sep 30 Oct 15 Oct 30 On Process Oct 30 Nov 15</p>	<p><b>Full Paper Submission (Extended deadline)</b> <b>Special Sessions Paper Submission</b> <b>Reviewing Submitted Papers</b> <b>Notification of Acceptance</b> <b>Final Paper Submission (Camera-Ready)</b></p>
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