# The 12th International Conference on Intelligent Information Hiding and Multimedia Signal Processing

*November 21-23, 2016   Kaohsiung, Taiwan*

*Special Session on*

*Network Security, Communication, Image Analysis, and Sensor Science Technology*

## CALL FOR PAPERS

Authors are invited to submit a full paper, and papers should be written in English. Topics of interest include, but are not limited to:

**Wireless Communications**
Communications Systems and Theory
Modulation
Coding theory and techniques
Fading channels
Chip design for communications
Multiplexing
Adaptive modelling
Modelling and simulation techniques
Filtering techniques
Noise reduction
Transmission diversity
New techniques in RF-design and modelling
Demodulation
Communications for disaster management
Synchronization
Teletraffic models and traffic engineering
Queuing Theory
Microwave Communications
New techniques in RF-design and modelling
Satellite & space communications
Radio communications Speech technology
Communications Protocols
Internet protocols
Transport control protocols
Routing protocols
IP over ATM
Communication standards
Internet communications

**Network Security and Technology**
Wireless & Mobile Networking
Wireless Sensor Networks
Cognitive Radio Networks
Ad Hoc, Sensor and Mesh Networking
Next-Generation Networking and Internet
Wireless Network Security and Privacy
Security & Privacy in Wired, Wireless, Mobile, Hybrid, Sensor, Ad Hoc networks
Network Intrusion Detection and Prevention, Firewalls, Packet Filters
Malware and botnets
Communication Privacy and Anonymity
Distributed denial of service
Big data

Intelligent vehicle system
Public Key Infrastructures, key management, credentials
Web security
Secure Routing, Naming/Addressing, Network Management
Security & Privacy in Pervasive and Ubiquitous Computing
Security & Privacy for emerging technologies: VoIP, peer-to-peer and overlay network systems

**Sensor Science and Technology**
Sensor technology and new sensor principles
Electrochemical sensors/Biosensors
Electrical and thermal-based sensors
Mass-sensitive and fiber-optic sensors
Optoelectronic and Photonic Sensors
Gas sensors
Sensor applications for food industry, medicine, pharmacy, environmental monitoring, corrosion
Sensor devices and sensor arrays/Nano sensors
Analytical methods, modeling, readout and software for sensors
Sensor Networks

**Signal, Image Analysis and Processing**
Biomedical Applications
Computer Vision
Image Analysis, Detection and Recognition
Image Processing
Machine Learning
Multimedia
Multiview  Geometry and 3D Computer Vision
Pattern Recognition
Shape Analysis and Modeling
Signal Analysis and Recognition
Video Analysis and Understanding
Material

**Other Related Topics**

**Special Session Organizers:**
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- Prof. Sheng-Hui Meng  (Email: menghui@fjut.edu.cn)
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**Special Session Co-Chair :**
- Prof. Hai-Han Lu          (Email: hhlu@ntut.edu.tw     )
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## Paper Publication

All accepted papers will be published in the conference proceedings, which will be published by Springer in the series of Advances in Intelligent Systems and Computing. All submissions will be thoroughly peer-reviewed by multiple reviewers to ensure quality and unbiased comments. Authors of accepted papers, or at least one of them, are requested to register and present their work at the conference, otherwise their papers will be removed from the proceedings after the conference. Further information will be announced on the conference website at (http://bit.kuas.edu.tw/~iihmsp16) or ( http://flash.fjut.edu.cn/~iihmsp16/)

## Important Dates

**Paper submission deadline**   **July 7, 2016**
Notification of acceptance      August 7, 2016
Camera-ready papers due         September 7, 2016

## Paper Submission

All contributions must be submitted electronically in PDF format via the following email address:
- Prof. Sheng-Hui Meng
  Email: menghui@fjut.edu.cn

## Paper Format

Papers are invited from prospective authors with interests in this special session and related areas of application. All contributions should be original and not published elsewhere or intended to be  published during the review period. Details of the required paper format are available at the iihmsp 2016 website at (http://bit.kuas.edu.tw/~iihmsp16)  or ( http://flash.fjut.edu.cn/~iihmsp16/)