



# Phranakhon Si Ayutthaya Rajabhat University ISMAC 2015

2015 International Symposium on Multimedia

and Communication Technology

September 23 – 25, 2015

Classic Kameo Hotel & Serviced Apartments, Ayutthaya, Thailand

<http://ismac2015.aru.ac.th>



## Call for Paper

**2015 International Symposium on Multimedia and Communication Technology** is the fifth international symposium. The symposium will be held at Phranakhon Si Ayutthaya, 600-year-old ancient capital of Thailand and now become the world heritage as a historical city. ISMAC 2015 has many scopes in multimedia and communication technology. In this, symposium new and novel technologies in these research fields will be introduced and discussed. The topics for regular sessions include, but are not limited to, the followings :

### 1. Multimedia Processing and Systems

- 1.1 Speech Processing and Coding
- 1.2 Video Processing and Coding
- 1.3 Natural Language Processing
- 1.4 Video and Multimedia Technology & Communications
- 1.5 Audio/Acoustic Signal Processing
- 1.6 Multimedia Processing for e-Learning
- 1.7 Intelligent Signal Processing for Multimedia & Systems
- 1.8 Security Signal Processing for Multimedia & Systems
- 1.9 Others

### 2. Signal Processing

- 2.1 Adaptive and Multirate Signal Processing
- 2.2 Digital Filters and Filter Banks
- 2.3 Wavelets and Multirate Signal Processing
- 2.4 Fast Computations for Signal Processing and Communication Systems
- 2.5 Intelligent Signal Processing for Communications & Systems
- 2.6 Security Signal Processing
- 2.7 Neural Networks and Fuzzy Logic Processing
- 2.8 Artificial Intelligence and Applications
- 2.9 Others

### 3. Industry and Regulatory

#### Development for Communications

- 3.1 High Speed Networks
- 3.2 Intelligent Computer Networks
- 3.3 Next Generation Networks Technology
- 3.4 Network Management and Design
- 3.5 Network Protocol and Standardization
- 3.6 Next Generation Network Regulations
- 3.7 VoIP, IPTV and Wireless broadband Internet Regulations
- 3.8 Others

### 4. Communication Systems

- 4.1 Communication Theory
- 4.2 Broadband Communication Technology
- 4.3 Multimedia Services and Technologies
- 4.4 Intelligent Communication Systems and Network Protocols
- 4.5 Signal Processing for Communications
- 4.6 Wireless/Mobile Communications
- 4.7 Wideband Communications
- 4.8 Communication Circuit Design
- 4.9 Others

### 5. Emerging Technologies in Multimedia and Communication Technology

### Organizing Committee:

#### Honorary Chairs

Kasame Bumrungveth

ARU, Thailand

Kobchai Dejhan

KMITL, Thailand

#### General co-Chairs

Yoshikazu Miyanaga

Hokkaido University, Japan

Supavadee Aramvith

CU, Thailand

Joel Joseph S. Marciano Jr.

UPD, Philippines

#### Technical Program co-Chairs

Chusit Pradabpet

ARU, Thailand

Masakiyo Suzuki

Kitami Institute of Technology, Japan

Rhandley D Cajote

UPD, Philippines

#### Special/Tutorial Session co-Chairs

Montree Siripruchyanun

KMUTNB, Thailand

Shingo Yoshizawa

Kitami Institute of Technology, Japan

Hiroshi Tsutsui

Hokkaido University, Japan

#### Publicity co-Chairs

Sorawat Chivapreecha

KMITL, Thailand

Thidarat Wangkam

KMUTNB, Thailand

#### Financial Chair

Lerdchai Sathitpanawong

ARU, Thailand

#### Publication Chair

Chuwong Pongcharoenpanich

KMITL, Thailand

Pipat Prommee

KMITL, Thailand

#### Local Arrangement Chair

Surapan Yimman

KMUTNB, Thailand

Krung Luewattana

ARU, Thailand

#### General Secretary

Kanyalag Phodong

ARU, Thailand

Sukanya Praesomboon

KMUTNB, Thailand

#### Contact information:

E-mail : [rdiaru@gmail.com](mailto:rdiaru@gmail.com)

[ismac2015aru@gmail.com](mailto:ismac2015aru@gmail.com)

#### Author's Schedule:

Deadline for Special Session Proposal

July 15, 2015

Deadline for Submission of 4-page Full-Paper:

July 31, 2015

Notification of Acceptance:

August 17, 2015

Deadline for Submission of Camera Ready Paper

August 31, 2015

#### Submission Instruction

Paper must be written in English and should describe the authors' original research work. The length of the paper is limited to 4 pages including figures, tables and references. The paper must be in A4 size, two-column format. Please download paper template (IEEE template) from submission website.

