

Program at a Glance

| Day 1 June 6, 2015 (Saturday) | | | | | |
|----------------------------------|--|---|---|---|--|
| Time | Schedule | | | | |
| 08:30-17:00 | Registration | | | | |
| 09:00-10:15 | Session A1 <u>Intelligent Multimedia</u> <u>Signal Processing</u> (IB-101) | Session A2 <u>Multimedia Security and its Applications for Consumer Electronics</u> (IB-201) | Session A3 <u>Big Data Analytics in Signal Processing</u> (IB-202) | Session A4 <u>Parallel and Distributed Computing and Networking</u> (IB-204) | Session A5 (Poster Session) <u>Multimedia Signal Processing</u> (1F Lobby) |
| 10:15-10:40 | Coffee Break | | | | |
| 10:40-10:50 | Opening Remarks <i>Prof. Jing-Ming Guo and Prof. Wen-Chung Kao</i> (IB-101) | | | | |
| 10:50-12:00 | Keynote Speech (I) <i>Mr. Bob Frankston (IEEE Fellow and ACM Fellow)</i> <u>Consumer Electronics in the age of the Internet</u> (IB-101) | | | | |
| 12:00-13:00 | Lunch | | | | |
| 13:00-14:30 | Session B1 <u>Smart Wearable Technology and Application</u> (IB-101) | Session B2 <u>Data Mining and Its Applications</u> (IB-201) | Session B3 <u>Medical Measurements and Applications</u> (IB-202) | Session B4 <u>Depth-Assisted Signal Processing for Consumer Electronics</u> (IB-204) | |
| 14:40-15:40 | Keynote Speech (II) <i>Dr. Yen-Kuang Chen (IEEE Fellow)</i> <u>Manageability Challenge for Internet of Things</u> (IB-101) | | | | |
| 15:40-16:10 | Coffee Break | | | | |
| 16:10-18:00 | Session C1 <u>Interactive and Network-Oriented Applications for Consumer Electronics</u> (IB-101) | Session C2 <u>Emerging Technology for Consumer Electronics</u> (IB-201) | Session C3 <u>Computer Networks and Sensor Technologies (I)</u> (IB-202) | Session C4 <u>Computer Networks and Sensor Technologies (II)</u> (IB-204) | |
| 18:30-21:30 | Welcome Reception & Young Professionals Event <i>Prof. Chang Wen Chen (IEEE Fellow)</i> <u>My Personal Views on a Successful Research Career</u> (Fullon Hotel Taipei) | | | | |

Day 2
June 7, 2015 (Sunday)

| Time | Schedule | | | | |
|-------------|--|--|--|---|---|
| 08:30-17:00 | Registration | | | | |
| 09:00-10:15 | Session D1 <u>Next Generation Multimedia and Communication System for Consumer Electronics</u> (IB-101) | Session D2 <u>ICT for Biomedicine and Healthcare</u> (IB-201) | Session D3 <u>Intelligent Vehicle Technologies for Safety, Assistant and Convenience</u> (IB-202) | Session D4 <u>The Digital Baseband Communication Algorithm, Architecture, IC and Software Defined Radio</u> (IB-204) | Session D5 (Poster Session) <u>Interactive Digital Media and Virtual Reality Environment</u> (1F Lobby) |
| 10:15-10:50 | Coffee Break | | | | |
| 10:50-12:00 | Keynote Speech (III) <i>Prof. Mark Liao (IEEE Fellow)</i> <u>Tactics Analysis on NBA Broadcast Videos</u> (IB-101) | | | | |
| 12:00-13:00 | Lunch | | | | |
| 13:00-14:30 | Session E1 <u>Advanced Spectrum Analysis Method for Multimedia Processing</u> (IB-101) | Session E2 <u>Devices and Technologies for Connected Vehicle</u> (IB-201) | Session E3 <u>Advanced VLSI Design for Consumer Electronics</u> (IB-202) | Session E4 <u>Best Paper Competition</u> (IB-204) | |
| 14:30-15:10 | Coffee Break | | | | |
| 15:10-16:40 | Session F1 <u>Emerging Technologies for Intelligent Electronics</u> (IB-101) | Session F2 <u>Signal Processing for Consumer Electronics</u> (IB-201) | Session F3 <u>Internet of Things for Consumer Electronics</u> (IB-202) | Session F4 <u>Recent Advances in Image and Video Analysis</u> (IB-204) | |
| 16:40-17:40 | Session G1 <u>Advances and Applications of Spatial-Temporal Processing for Speech Signals</u> (IB-101) | Session G2 <u>Intelligent Devices and Systems for Real-life Applications</u> (IB-201) | Session G3 <u>Inspirational 3D Researches and Applications</u> (IB-202) | Session G4 <u>Advanced Sensing Technology for Industrial Application</u> (IB-204) | |
| 18:30-21:30 | Banquet (la marée) | | | | |

Day 3
June 8, 2015 (Monday)

| Time | Schedule | | | | |
|-------------|--|--|---|--|---|
| 08:30-16:00 | Registration | | | | |
| 09:00-10:15 | Session H1 <u>User-Centric and Device-Centric Cloud Computing for Intelligent Consumer Electronics</u> (IB-101) | Session H2 <u>Intelligent Multimedia Processing and Applications</u> (IB-201) | Session H3 <u>Advanced Cryptography and Its Applications</u> (IB-202) | Session H4 <u>Efficient Signal Processing Schemes and Implementations for Multimedia</u> (IB-302) | Session H5 (Poster Session) <u>Wireless and Networking</u> (1F Lobby) |
| 10:15-10:50 | Coffee Break | | | | |
| 10:50-12:00 | Keynote Speech (IV) <i>Mr. Stefan Mozar (IEEE Fellow)</i> <u>How Consumer Electronics is Impacting Change in Healthcare</u> (IB-101) | | | | |
| 12:00-13:00 | Lunch | | | | |
| 13:00-15:15 | Session I1 <u>Trends in Multimedia Signal Processing Applications and Industry Technology</u> (IB-101) | Session I2 <u>Circuits and Systems for Consumer Electronics</u> (IB-201) | Session I3 <u>Content-aware Multimedia Adaptation and Representation</u> (IB-202) | Session I4 <u>Communication and Information Systems for Next Generation Internet</u> (IB-301) | |
| 15:15-15:40 | Coffee Break | | | | |
| 15:40-16:25 | Session J1 <u>Internet of Things in Digital Home and Lifestyle</u> (IB-101) | Session J2 <u>Intelligent Signal Processing for Green Communications</u> (IB-201) | Session J3 <u>Ubiquitous Information Security Techniques and Applications</u> (IB-202) | | |