

The 5th Taipei 5G Summit (AIoT, Architecture and Applications)

Date: Thursday, June 7, 2018

Venue: 4F VIP Room, Taipei International Convention Center

Supervising Agency: Ministry of Economic Affairs, MOEA

Organizers: 5G Technology Program Office, Department of Industrial Technology (DoIT), MOEA

Co-Organizers: European Commission (EC), Industrial Technology Research Institute (ITRI), Institute for Information Industry (III), Taipei Computer Association (TCA), Taiwan IOT Technology and Industry Association (TwIoTA), Taiwan External Trade Development Council (TAITRA)

Platinum Sponsors: Intel, Supermicro

Gold Sponsors: Auden, Keysight, Nokia, Rohde&Schwarz, Sercomm, Zyxel (by alphabetical order)

Technical Sponsors: IEEE 5G Initiative, IEEE ComSoc, Small Cell Forum

Agenda

Time	Agenda	Chair/Keynote Speaker
08:00-08:50	Registration	
08:50-09:00	Opening Remarks	1. <i>Mr. Jong-Chin Shen</i> Minister of Ministry of Economic Affairs 2. <i>Mr. Antti Peltomäki</i> Deputy Director-General, DG GROW, European Commission 3. <i>Ms. Ting-I Chan,</i> Chairperson of National Communications Commission
09:00-09:30	Keynote Speech	<i>Ms. Asha Keddy,</i> VP, General Manager, Next Generation & Standards Intel
09:30-09:50	Keynote Speech	<i>Mr. Charles Liang,</i>

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	5G/Edge Computing Bridging the Gap Between IOT and CLOUD	Founder, President, CEO and Chairman of the Board Supermicro
09:50-10:10	Morning Break/VIP Demo Tour	
Technical Section 1: EU-Taiwan Collaboration		
Moderator: Dr. Colin Willcock, Chairman of the Board, 5GIA		
10:10-10:20	5GIA Introduction	<i>Dr. Colin Willcock</i> , Chairman of the Board, 5GIA
10:20-10:40	5G Use Cases & Opportunities in U.K.	<i>Prof. Rahim Tafazolli</i> Head of the Institute for Communication Systems (ICS); University of Surrey/5GIC
10:40-11:00	Fraunhofer HHI's Industry 4.0 Projects	<i>Dr. Thomas Haustein</i> Head of Wireless Communications and Networks, Fraunhofer HHI
11:00-11:20	Will The mmWave Link Work? Case study Sharing	<i>Mr. Reiner Stuhlfauth</i> Technology Director, Test & Measurement Division, Rohde & Schwarz
Technical Section 2: AIoT for 5G		
Moderator: Dr. Li-Fung Chang, Chief Architect, 5G Technology Program Office, DoIT, MOEA		
11:20-11:50	5G Ready, Carrier, Government, Industry Stakeholder Cooperation- Case Study on AI/IoT	<i>Mr. David Randolph Hoelscher</i> , Director, CTO, Carrier Business Group, HUAWEI
11:50-12:20	Machine Learning in 5G RAN	<i>Mr. Rajeev Agrawal</i> Algorithm Innovation Lead Mobile Networks Architecture, Technology and R&D Foundation

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		Nokia
12:20-13:30	Lunch Break	
Technical Section 3: Architecture for 5G Services Moderator: Dr. Fumio Watanabe, Chairman, KDDI Research Inc.		
13:30-14:00	5G System & Use-Case Trials	<i>Dr. Fumio Watanabe</i> , Chairman, KDDI Research Inc.
14:00-14:30	5G Use Cases in OOL	<i>Mr. Yukio Ito</i> Chairman, Okinawa Open Laboratory ; Executive Vice President, NEC
14:30-15:00	5G NR Development and Validation Challenges	<i>Mr. Roger Nichols</i> , Director of 5G Program, Keysight Technologies
15:00-15:20	Afternoon Break	
Technical Section 4: Applications for 5G Moderator: Mr. Takehiro Nakamura, General Manager of 5G Laboratory, NTT DOCOMO Inc		
15:20-15:50	The Future Outlook and Applications Opened up by 5G	Mr. Takehiro Nakamura General Manager of 5G Laboratory, NTT DOCOMO Inc.
15:50-16:15	AR/MR Will Be the Killer Use Case for 5G	<i>Mr. Tom Liang</i> , Chairman and Founder, Jorjin Technologies
16:15-16:40	5G Applications - From Massive IoT to Ultra-Reliable Low Latency	<i>Ms. Marie Hogan</i> Head of Broadband and IoT BNEW PNES Broadband and IoT, Ericsson
16:40-17:05	Mission Critical Communications	<i>Mr. Anatoli Levine</i> Director of Products and Standards, Softil Innovative Communications

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17:05-17:30	Drone	<i>Mr. Rob Topol</i> General Manager, 5G Advanced Technologies, Next Generation and Standards, Intel
17:30-17:40	Lucky Draw	
17:40	Closing	