



**2019 EITA New Media and New Digital Ventures  
Workshop  
(EITA-New Digital Ventures 2019)**

**"The Rise of the New Digital Economy: Trends,  
Opportunities and Challenges"**

**Taipei Economic and Cultural Office in New York  
1 East 42nd Street, New York, NY**

**Friday, May 3, 2019**

**Program**

**(Final)**

**5/3 (Fri) 1:00 pm - 5:00 pm: Registration**

Room: the 1<sup>st</sup> FL., TECO in New York

**5/3 (Fri) 1:30 pm - 1:50 pm: Opening Session**



**Co-Chair: Dr. Rong N. Chang (張榮)**

Member of IBM Academy of Technology (AoT)  
IBM T.J. Watson Research Center



**Co-Chair: Dr. Shu-Jen Han (漢述仁)**

Director, Advanced Memory Technology  
HFC Semiconductor Corp.

**Room:** Main Auditorium, TECO in New York

**Welcome Remarks:**



**Ambassador Lily L.W. Hsu**

Director General  
The Taipei Economic and Cultural Office in New York  
(中華民國駐紐約臺北經濟文化辦事處處長徐儷文大使)

## **Plenary Sessions:**

### **5/3 (Fri) 1:50 pm - 2:40 pm: Plenary Session (I): Nanoelectronics, Photonics, Electronic Smart Systems, Flexible and Wearable Electronics, and Emerging IC Packaging Platform for ICT Systems**



**Chair: Dr. Shu-Jen Han (漢述仁)**, Director, Advanced Memory Technology, HFC Semiconductor Corp.

**Room:** Main Auditorium, TECO in New York

“How GaN Semiconductor May Help Reshape the Future of Digital Economy”



**Dr. Pei-Cheng Ku (古培正)**

Associate Professor, Department of Electrical Engineering and Computer Science

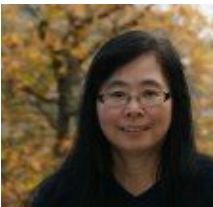
The University of Michigan at Ann Arbor



**Dr. Shu-Jen Han (漢述仁)**

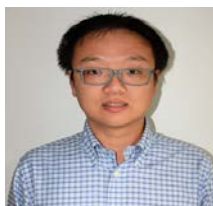
Director, Advanced Memory Technology  
HFC Semiconductor Corp.

### **5/3 (Fri) 2:40 pm – 3:30 pm: Plenary Session (II): 5G Mobile Wireless Technology, Fog Computing and Internet of Things (IoT), Next Generation Internet (NGI), Smart City Technologies, Biometric and Cybersecurity**



**Chair: Dr. Yew-Huey Liu (劉玉慧)**

Computer Scientist, Computing as a Service: Services and API Ecosystems  
IBM T.J. Watson Research Center



**Dr. Zhongshu Gu (顧鍾蔬)**

Research Staff Member  
IBM T.J. Watson Research Center

**Dr. Linsong Chu (初琳淞)**  
IBM T.J. Watson Research Center

**5/3 (Fri) 3:30 pm - 3:40 pm: Break**

**5/3 (Fri) 3:40 pm – 4:05 pm: Plenary Session (III): Emerging Technologies and Applications in Artificial Intelligence, Machine Learning, Deep Learning, Computer Vision and Graphics, and Sustainable Smart Manufacturing**



**Chair: Dr. Pei-Cheng Ku (古培正)**  
Associate Professor, Department of Electrical Engineering and Computer Science, The University of Michigan at Ann Arbor

“From Real-World Evidence to Person-Centered Healthcare”



**Dr. Pei-yun S. (Sabrina) Hsueh (薛沛芸)**  
Member of IBM Academy of Technology  
IBM T.J. Watson Research Center

**5/3 (Fri) 4:05 pm – 4:55 pm: Plenary Session (IV): Building the Digital Platforms of the Future**



**Chair: Dr. Pei-yun S. (Sabrina) Hsueh (薛沛芸)**, Member of IBM Academy of Technology, Thomas J. Watson Research Center  
**Room:** Main Auditorium, TECO in New York

“Building a Digital Platform for Mobile Health”

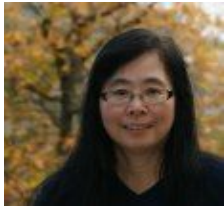


**Dr. Chen-Hsiang (Jones) Yu (余禎祥)**  
Associate Professor, Department of Computer Science and Networking  
Wentworth Institute of Technology and  
Beth Israel Deaconess Medical Center, Harvard Medical School



**Mr. Bernard Lin (林柏臻)**  
Chief Alchemist, Reblac

**5/3 (Fri) 4:55 pm – 5:55 pm: Panel Discussion & Plenary Session (V):  
Computing and Data Infrastructure: High-Performance and High-  
Throughput Computing, Quantum Computing and Communications, Big  
Data and Intelligence, Cloud Technologies, and Advanced Software  
Engineering**



**Chair & Moderator: Dr. Yew-Huey Liu (劉玉慧)**

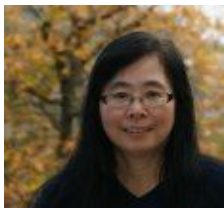
Computer Scientist, Computing as a Service: Services and API Ecosystems  
IBM T.J. Watson Research Center



**Dr. Jeng-Bang Yau (姚正邦)**

Research Staff Member - Experimental Quantum Computing  
IBM T.J. Watson Research Center

“The Power of Kubernetes in DevOps Adoption”



**Dr. Yew-Huey Liu (劉玉慧)**

Computer Scientist, Computing as a Service: Services and API Ecosystems  
IBM T.J. Watson Research Center

**5/3 (Fri) 5:55 pm – 6:00 pm: Closing Remarks:**



**Co-Chair: Dr. Rong N. Chang (張榮)**

Member of IBM Academy of Technology (AoT)  
IBM T.J. Watson Research Center



**Co-Chair: Dr. Shu-Jen Han (漢述仁)**

Director, Advanced Memory Technology  
HFC Semiconductor Corp.

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