



**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 1st FL., TECO in New York

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

Co-Chairs:

Dr. Rong N. Chang (張榮)

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

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

Room: Main Auditorium, TECO in New York

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

Room: Main Auditorium, TECO in New York

“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, Reblot

**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

Room: Main Auditorium, TECO in New York

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:

Chairs:

Dr. Rong N. Chang (張榮)

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

Dr. Shu-Jen Han (漢述仁)

Director, Advanced Memory Technology
HFC Semiconductor Corp.

Room: Main Auditorium, TECO in New York