

2011 Annual Convention

Final Program*



美洲中國工程師學會大紐約分會

Chinese Institute of Engineers – USA
Greater New York Chapter
<http://www.cieusa-gnyc.org>

Saturday, October 29, 2011
Sheraton LaGuardia East Hotel
Flushing, NY 11354

<http://www.starwoodhotels.com/sheraton/index.html>

*Convention Proceedings are available for download at the CIE-USA/GNYC home page. CIE-USA/GNYC is a non-profit organization.

Convention Theme

“Engineers' New Era: Accelerating Global Industrial Metamorphosis”

工程師的新世代：加速全球工業的銳變

12:00 PM Registration

1:00 PM – **Opening Remarks** – Dr. Shu-Ping Chang

2:30 PM (張書平), Convention Chair

State of the Institute – Dr. Rong Chang

(張榮), President, CIE-USA/GNYC

Plenary Session

Chair – Dr. Wen Lin (林文)

Dr. Burn J. Lin (林本堅), Vice President, R&D, Taiwan Semiconductor Manufacturing Company (TSMC), “Synergy between Aviation and Lithography”

Dr. Jyuo-Min Shyu (徐爵民), President of Industrial Technology Research Institute (ITRI), “Collaborative R&D of Industrial Technology”

2:30 PM Tea & Coffee Break

2:40 PM – Parallel Sessions

4:00 PM

Program Chair – **Dr. Zon-Yin Shae (薛榮銀)**, IBM T.J. Watson Research Center

Session I – Entrepreneur, Business Development & Recruiting (Gallery Room)

Chair – **Dr. Tao Tao (陶濤)**, IBM T.J. Watson Research Center

Dr. Ko-Yang Wang (王可言), CTO and EVP for Business Development, Institute for Information Industry (III)

Ms. Man-Li Kuo Lin, Business Development Specialist, U.S. Small Business Administration

Dr. Sean S. H. Wang (王詔華), President, Industrial Technology Research Institute (ITRI) International Inc.

Dr. Yisong Chen (陳毅松), Managing Partner, Pallas Global Futures, LLC

Dr. Gang (George) Wu, President and CEO, DoubleBridge Technologies Inc.

Session II – Wireless Communication Technology (Diamond Room)

Chair – **Dr. I-Tai Lu (盧義泰)**, Professor, NYU-Poly

Dr. Sundeep Rangan, Associate Professor, NYU-Poly, “Femtocells, Interference Coordination & Next-Generation Wireless Systems”

Dr. Yingxue (Kevin) Li (李映雪), Member of Technical Staff, InterDigital Communications, “Cellular Network Evolution: Challenges and Opportunities”

Dr. Pei Liu, Research Assistant Professor, NYU-Poly, “Addressing the Cellular Data Crisis”

Dr. Jialing (Alice) Li, InterDigital Communications, “Multiple-Input-Multiple-Output (MIMO) in Wireless Communications”

Session III – Green Technology (Topaz Room)

Chair – **Dr. Jen-Yao Chung (鍾健堯)**, Senior Manager, IBM T.J. Watson Research Center, Fellow of IEEE

Dr. Shyh-Kwei Chen (陳世魁), IBM T.J. Watson Research Center, “Green Transformation Workbench for Data Centers”

Dr. Leslie Liu, IBM T.J. Watson Research Center, “Energy efficient VPN on mobile”

Dr. Hong Cai (蔡弘), IBM Headquarter,
“Multi-Tenancy in Cloud”

Dr. Jen-Yao Chung (鍾健堯), IBM T.J. Watson
Research Center, “Green Data Center”

4:00 PM **Tea & Coffee Break**

4:10 PM – **Parallel Sessions**

5:30 PM

**Session IV – Cloud and Virtual System
Technology (Gallery Room)**

Chair – **Dr. Xiaolan Zhang (章晓兰)**,
Manager, IBM T.J. Watson Research Center

Dr. Ea-Ee Jan (詹益毅), IBM T.J. Watson
Research Center, “Introduction to Cloud
Computing”

Chris Young, IBM T.J. Watson Research
Center, “Migration to Cloud”

Dr. Kang Xi (席康), Associate Professor, NYU-
Poly, “Hybrid Security Architecture for Data
Center Networks”

**Session V – Deep Analytics & Frontier
Technology (Diamond Room)**

Chair – **Dr. Young-Kai Chen**, Director, Bell
Laboratories, Alcatel-Lucent, Fellow of IEEE
and OSA, member of the National Academy of
Engineering, USA

Dr. Christopher R. Doerr, Bell Laboratories,
Alcatel-Lucent, Fellow of IEEE and OSA,
“Silicon Optical Integrated Devices for High
Capacity Fiber-Optic Links”

Dr. K.-Y. (Kang-Yih) Liou, Director, Opto
Technology and Govt Business, “Ultra High-
Speed and Compact Optical Transmitters for
Communication Networks”

Dr. James Fan (范俊民), IBM T.J. Watson
Research Center, “Building Watson – A Brief
Overview of DeepQA and the Jeopardy!
Challenge”

Session VI – Health Care (Topaz Room)

Chair – **Dr. Pei-Yun Hsueh (薛沛芸)**, IBM
T.J. Watson Research Center

Dr. Kuan-Tsae Huang (黄光彩), CEO,
NanoTune technologies, “PHRs, Cloud
Computing & Consumer Trends in Healthcare”

Dr. Grace Lin (林蔚君), VP & Director
General, Institute for Information Industry (III),
Fellow of INFORMS, “Telematics Systems and
Applications”

Dr. Ching-Hua Chen-Ritzo (陈庆华), Research
Staff Member, IBM T.J. Watson Research
Center, “Simulation of Health Care Incentives”

Dr. Xinxin (Katie) Zhu (祝欣欣), Medical
Scientist, IBM T.J. Watson Research Center,
NY, “Evidence-based Personal Wellness
Management”

5:30 PM **Social**

6:00 PM – **Banquet**

9:00 PM MC – **Dr. Tien-Jen Cheng (鄭天人)**

Welcome Address – Dr. Rong Chang (張榮),
President, CIE-USA/GNYC

Keynote Speech

Dr. Sesh Murthy, Vice President, Architecture
and Technical Solution Design, IBM, “Cloud
Solutions - A Few Words About Smarter
Computing”

High School Student Scholarship Session

Chair – **Dr. LiChi Cliff Po (濮勵志)**, CIE-
USA/GNYC Scholarship Committee Chair

Awards Ceremony

Chair – **Dr. Jun-Min Liu (劉主民)**, Award
Committee Chair, CIE-USA/GNYC

Distinguished Achievement Award

Dr. Burn J. Lin (林本堅), Vice President,
R&D, Taiwan Semiconductor Manufacturing
Company (TSMC)

Distinguished Service Award

Dr. Jyuo-Min Shyu (徐壽民), President,
Industrial Technology Research Institute (ITRI)

Institute Service Award

Dr. Paul Lin (林少達), CIE-USA/GNYC
President (2010)

9:00 PM – **Entertainment**

11:00 PM Chair – **Mr. Fred Yan (顏為民)**

Singing by Emily Li (李安梅)

Saxophone by Yongli Zhang (張永力)

Singing by Dongni Zhang (張冬妮)

Hotel Reservation:

Sheraton LaGuardia East Hotel can be reached directly at
1-800-325-3535 or (718) 460-6666 or email at
reservation@sheratonlaguardia.com. Hotel
guest parking is \$9 over night. Parking for guests
attending 10/29/2011 event is \$7.

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CIE-USA/GNYC President

Dr. Rong Chang (president@cieusa-gnyc.org)

Convention Chair

Dr. Shu-Ping Chang (vice-president@cieusa-gnyc.org)

Convention Vice Chair

Dr. Zon-Yin Shae (zshae@us.ibm.com)

Mr. Fred Yan (socnis@yahoo.com)

Secretary

Dr. Tao Tao (secretary@cieusa-gnyc.org)

Registration

Dr. Kang Xi (registrar@cieusa-gnyc.org)

Dr. Howard Chen (treasurer@cieusa-gnyc.org)