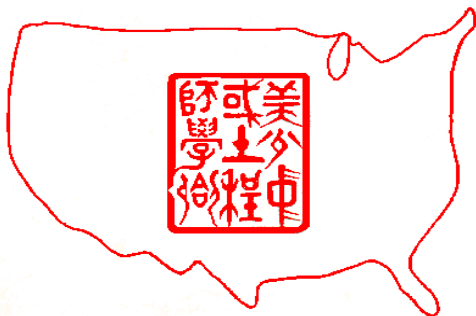


# 2008 Annual Convention

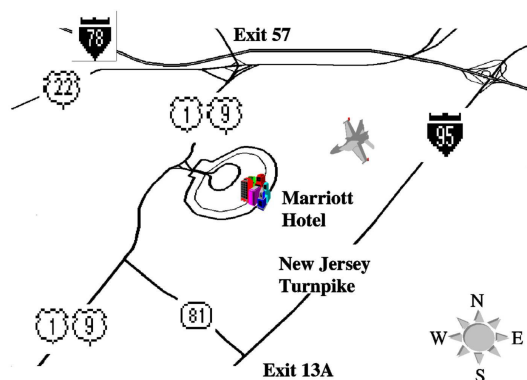
## Final Program



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.cie-gnyc.org>

November 8, 2008 (Saturday)  
 Newark Airport Marriott Hotel  
 Newark, NJ 07114

Dr. Jun-Min Liu  
 8 Kathy Court,  
 Holmdel, NJ 07733  
 USA



### Driving Directions:

1. From the Newark International Airport, Newark, NJ or **I-78 East**, take **Exit 57**
2. Stay in **right lane** to Newark Airport
3. Stay in **left lane** to enter the **main terminal area**. DO NOT get off to the south and north area.
4. Stay in the **middle lane**, the lane splits off on the left to the Car Rental, etc. area.
5. After passing the split, stay in the **left lane**. Before entering terminal A, follow the left lane sign towards **Long-term Parking/Monorail/Marriott Hotel**.
6. Get off and proceed to Marriott Hotel.

### Hotel Information:

Newark Airport Marriott Hotel can be reached directly at **1-800-882-1037 or 973-623-0006**. Ask for the CIE special rate of **\$99** per night. The block room reservation cutoff date is **11/5/2008**. Please obtain a parking coupon at the registration desk. Self parking for guests attending 11/8/2008 event is **FREE**.

### Registration Form:

Last Name \_\_\_\_\_ First Name \_\_\_\_\_  
 Chinese Name \_\_\_\_\_  
 Home Address \_\_\_\_\_ Zip \_\_\_\_\_  
 Phone \_\_\_\_\_ (O) \_\_\_\_\_ (H)  
 \_\_\_\_\_ (C)  
 Email \_\_\_\_\_  
 Affiliation \_\_\_\_\_

	Register by 10/31	Register after 10/31	Student Reg by 10/31
Reg. Fees	\$0	\$0	\$0
Lunch Banquet	\$30	\$40	\$20
Dinner Banquet	\$50	\$60	\$30

Donation to CIE \$ \_  
 Student Member \$0

Membership fee \$20  
 Life Member Fee \$200  
 Corporate Member \$500

Total \$ \_ \$ \_ \$ \_

Please make your check payable to **CIE-USA** and send with the registration form to: **Dr. Shawn Shen**, 129 Magee Court, East Brunswick, NJ 08816, email: [sshen2@alcatel-lucent.com](mailto:sshen2@alcatel-lucent.com), Tel 908-307-9354. Please visit CIE web site <http://www.cie-gnyc.org> for online registration information. All speakers, Please register. Thanks!

**Convention Theme:**  
**Achieving Sustainable Prosperity**  
**Despite All Odds**  
Saturday, November 8, 2008

8:30 am **Registration**

9:00 am **Opening Remarks** – Dr. Jun-Min Liu, Convention Chairperson

**State of the Institute** – Dr. Jonathan Chao, President, CIE-USA/GNYC

9:05 am **Plenary Session** – Chair Dr. Wen Lin

Dr. Ralph T. Yang, University of Michigan Chemical Engineering, "Hydrogen Storage Materials Research"

Dr. Jay Lee, University of Cincinnati, "Innovating the Invisibles: Dominant Innovation in a Changing World"

10:30 am **Coffee Break**

10:50 –12:20 pm **Parallel Sessions**

**Session I – Virtualization (Room F)**

Chair - Dr. Hua, Kuolin, Principal Software Engineer, Raritan Computer

Dr. Hua, Kuolin, Principal Software Engineer, Raritan Computer, "Real World Virtualization"

Dr. Jack Gau, Managing Director, AlixPartners, "The Business Dimension of Virtualization"

Dr. Shen-Neng Chiou, Senior IT Analyst, AT&T, "Virtualization in Networking: MPLS VPN"

**Session I I – Wireless Communications (Room G)**

Chair – Dr. James Hwang, Professor and Director, Compound Semiconductor Technology Lab, Lehigh University

Dr. Russell Sun, Alcatel/Lucent, "On the 3G+ broadband Wireless Communication standards: LTE and WiMAX"

Dr. Tiffany Jing Li , Assistant Professor, Leigh University, "Network Coding for Wireless Network Communication and Distributed Data Storage"

Dr. Kevin Lu , Chief Scientist, Telcordia, "Vehicular Telematics Standards"

Dr. James Hwang, Professor and Director, Compound Semiconductor Technology Lab, Lehigh University, "Analog Circuit Design for Ultra-Wideband Transmitters"

**Session III – Medicinal Chemistry in Drug Discovery (Room H)**

Chair - Dr. Zhongda Zhang, Principal Scientist, Biomol

Dr. Zhongda Zhang, Principal Scientist, Biomol, "The Role of Medicinal Chemistry in Drug Discovery: Principles and Practice"

Dr. Guosheng Wu, Sr. Research Scientist, Vitae Pharmaceuticals, "Computer-Aided Drug Design, Challenges and Opportunities"

Dr. Laura Hong, MD, Sr. Research Biochemist, Merck& Co ,

"ADMET and PK/PD in Drug Discovery and Development"

**Session IV – Wounded Capitalism - Challenges of the Financial Crisis and Their Impact to Financial Engineering (Room Erie)**

Chair - Dr. Darwen Rau, Consultant, Global Consulting Inc.

Mr. Michael Cheah, CFA, SVP, AIG SunAmerica Asset Management, "What Went Wrong and Current Conditions after the Sub prime"

Dr. Ren-Raw Chen, Professor of Fordham University , "Financial Engineering's Roles in Risk Management, Trading and Education"

Dr. David Yan, Director, Head of CDO Research, Credit Suisse "Credit Crisis and Its Impact on Global Market"

Mr. Eric G. Yeh, Managing Director, Tower Research Capital LLC, "Skills, Transition and Career Path Planning of Quants"

12:20 – 2:10 pm

**Luncheon & Luncheon Speech Session:** Chair Dr. Allen Chen

Ms. Anna Wang, "The Everlasting Pearl Buck"

2:10 –3:40 pm

**Parallel Sessions**

**Session V – Emerging Computing Technologies (Room F)**

Chair - Dr. Lurng-Kuo Liu, Solution Architect, IBM T.J. Watson Research Center

Dr. José E. Moreira, Chief Architect, IBM T.J. Watson Research Center, "Mega Data Centers"

Dr. Ching-Farn Wu, Research Staff Member, IBM Research, "System Virtualization Technologies"

Dr. H. Jonathan Chao, Professor and Department Head, Polytechnic Institute of NYU, "Packet Switching in High Performance Computing Systems"

Dr. Jen-Yao Chung, Senior Manager, IBM T.J. Watson Research Center, "Green Technology and Service"

**Session VI – Media-Centric Network Design -- A Unified View (Room G)**

Chair: Dr. Deepak Kataria, Industry Consultant, Advanced Networking Technologies

Dr. Anwar Walid, Distinguished Member Technical Staff (DMTS), Bell Labs Alcatel-Lucent, "Server Dimensioning for Hybrid P2P Content Distribution Networks"

Dr. Zoran Miljanic, President & CEO, Technology Networking International (TNI) LLC, "Supporting QoS of Multiple Media Streams in Wireless Communications"

Dr. Codrut Radu Radulescu, President & CEO, Phoenix Labs LLC, "Precision Timing Synchronization for Real-Time Media Delivery over Packet Networks"

**Session VII – Career Tracks and Leadership in Finance and Financial Engineering (Room Erie)**

Chair – Dr. Joyce Huang, Associate Director, Rogercasey, Inc., Institutional Investment Consulting

Mr. Charlie Qian Peng, Assistant Vice President, Merrill Lynch & Co, Global Markets and Investment Banking Finance, "How to

land the first job in finance industry, experience and tips"

Dr. David Yan, Director, Credit-Suisse, CDO Research, "Financial Tsunami, Where Do We Go From Here?"

Dr. Lei Chen, Vice President, American Express, Risk Management, Global Commercial Card Credit & Information Strategy, "Leadership in the Times of Change".

3:40 –4:00 pm

**Coffee Break**

4:00 –5:30 pm

**Forum: WiMAX and LTE Developments and Applications (Room A, B, C)**

Moderator – Dr. Qi Bi, Bell Labs Fellow, Alcatel-Lucent

Panelists

Dr. Bao-Shuh P. Lin, General Director, Information and Communications Research Labs (ITRI)

Dr. Xiao-feng Qi, Principal Scientist, Broadcom

Dr. Thomas Woo, Director, Bell Labs Research

5:30 –6:00 pm

**Social Hours**

**Banquet & Entertainment**

**Master of Ceremony** – Mr. Roger Chao and Ms. Jennifer Chuang

**Welcome Address** – Dr. Jonathan Chao, President, CIE-USA/GNYC

**High School Student Scholarship Award** – Dr. Paul Lin

**Graduate Student Poster Contest** – Dr. Kang Xi

**CIE Awards** – Dr. Wen Lin

**Distinguished Service Award**

Ms. Mary Chan, President of Wireless Networks, Alcatel-Lucent

Dr. Jay Lee, Chair Professor in Advanced Manufacturing at the Univ. of Cincinnati

Dr. Bao-Shuh P. Lin, General Director, Information and Communications Research Labs

**Distinguished Achievement Award**

Dr. Ralph T. Yang, Dwight F. Benton Professor of Chemical Engineering University of Michigan Chemical Engineering

**Institute Service Award**

Dr. Chein-Chi Chang, CIE-USA/GNYC President (2007)

**Keynote Speech**

Ms. Mary Chan, President of Wireless Networks, Alcatel-Lucent Inc. "Innovation at the Heart of the Wireless Industry"

**Entertainment** - Mr. Fred Yan  
Men's solo singing "Heaven"- Mr. Xiao Yunfei

Sichuan Opera Face Changing - Zhao Naiyi, Peking Opera master

Demo of various ballroom and Latin dances - Dr. May Lee and Dr. Sing Lin