

第 30 屆國際華人交通運輸協會年會

**The 30th Annual Conference of
International Chinese Transportation Professionals Association
(Preliminary Program)**

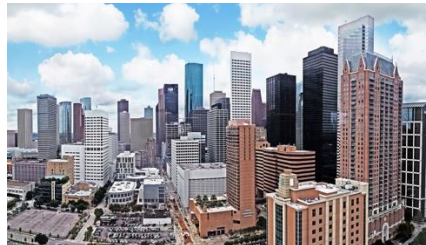


**Transportation for Tomorrow: Theories and
Practices of Transportation in the Asia Pacific**

May 19 ~ 21, 2017, Houston, TX, USA

**Organizers: ICTPA
ICTPA Texas Chapter
Texas Southern University
University of Houston**

Co-organizer: United Associations of Chinese Alumni in Houston



Introduction of ICTPA

International Chinese Transportation Professionals Association (ICTPA) was established in USA as the North American Transportation Professionals Association in 1987. The mission of the ICTPA is to promote the professional development of its members by fostering fellowship and cooperation among its members and by maintaining a central point of reference and deliberation. In an effort to promote local activities, there are currently six chapters across the entire USA from east coast to west coast: Washington, DC Chapter, Northern California Chapter, Southern California Chapter, Northeastern United States Chapter, Texas Chapter and Florida Chapter. In addition, the Hong Kong Chapter is the first in Asia.

ICTPA meets once a year to promote local members' communications and activities, with the host cities chosen alternately from North America and Asia. In the past years, we have hosted Annual Meetings in Washington DC, Kansas City, New York, Taipei, Hong Kong, Macau, Los Angeles, Beijing, Nanjing, New Jersey, Tainan, Chongqing, Tampa, Los Angeles, and Hsin Chu. The 2017 ICTPA Annual Meeting as well as the 30th Anniversary Celebration will be hosted by the Texas Chapter in Houston.

Conference Themes

- A. Transportation Planning & System Development
 - Sustainable Multi-Modal Transportation System
 - Strategies of Sustainable Development
 - Efficient City and Regional Transportation Planning and Land Use
 - Low Carbon Emissions and Energy Saving in Transportation
 - Traffic Safety and Management
 - Urban Transportation
 - Aviation and Ocean Transportation
 - Freight Transport System
 - Public Health and Environmental Impact Studies

- B. Transportation Infrastructure
 - Transportation Infrastructure Design Criteria
 - Highway Infrastructure & Connected Vehicles
 - Subway & Rail Transit Infrastructures Planning & Design
 - Intelligent Transportation System & Smart City
 - Bridge and Tunnel in Mountainous City – Planning, Design, and Construction Technologies
 - Bridge Durability, Bridge Health Monitoring and Evaluation
 - Geotechnical Design and Construction Support
 - Transportation Safety
 - Aviation and Port Infrastructures Design

- C. Transportation System Management & Maintenance
 - Project Delivery Methods: Engineering Procurement Construction (EPC), Design Build (DB), Private Public Partnership (PPP)
 - Life Cycle Cost Analysis (LCCA)
 - Maintenance of Transportation System
 - Work Zone Safety

- D. Other Transportation Related Topics

Preliminary Agenda

● May 19, Friday

Time	Program	Location
10:00 - 12:00	Registration	University of Houston
12:00 - 13:00	Lunch Box	Hilton Hotel
13:30 - 17:30	Technical Tours*	(1) Houston TranStar (2) Houston Ship Channel (3) TSU Transportation Labs and UH Energy Park
18:00 - 20:30	Welcome Reception	2 nd floor of Library at University of Houston
20:30 - 21:30	ICTPA Board Meeting	

*Note: please sign up the tour by *April 3, 2017* by sending an email to ictpa2017@yahoo.com

● May 20, Saturday

Time	Program				Location
09:00 - 17:30	Registration				
09:30 - 10:00	Opening Ceremony				Location: Houston Room (2 nd floor of Student Center at University of Houston)
	Opening Remarks: Dennis Li				
	VIP Speeches				
10:00 - 10:30	Group Photo / Coffee Break				
10:30 - 11:30	Keynote Speeches				
11:30 - 12:00	Award Presentations				
12:00 - 13:30	Luncheon				
13:30 - 15:10	Session 1: Room 223	Session 2: Room 224	Session 3: Room 261	Session 4: Room 262	Session 5: Career Forum and Job Fair Operated by United Associations of Chinese Alumni (Houston Room)
15:10 - 15:30	Coffee Break				
15:30 - 17:10	Session 6: Room 223	Session 7: Room 224	Session 8: Room 261	Session 9: Room 262	
17:30	Registered Guests Meet in the front of UH Student Center (Facing to Hilton Hotel)				Drive to Gala Dinner with Purchased Tickets
17:30 - 18:30	Shuttle to Gala Dinner				
18:30 - 20:30	30 th Anniversary Celebration Gala				

● May 21, Sunday

Time	Program			
09:00 - 10:10	Session 10: Room 223	Session 11: Room 224	Session 12: Room 261	Session 13: Room 262
10:10 - 10:30	Coffee Break			
10:30 - 11:40	Session 14: Room 223	Session 15: Room 224	Session 16: Room 261	Session 17: Room 262
12:00 - 13:30	Luncheon and Closing Ceremony (Rom 223) Closing Remarks: Dr. Fengxiang Qiao			

Instruction to Authors

1. Template of full papers in MS WORD is available for download via www.ictpa.org.
2. All accepted papers and non-paper track power point presentations will be published in online conference proceedings.

3. Selected high quality papers will be referred to further review by the Journal of Traffic and Transportation Engineering (English Edition) (<https://www.journals.elsevier.com/journal-of-traffic-and-transportation-engineering-english-edition/>).
4. All papers will be peer-reviewed. Excellent papers and presentations will receive the best paper / presentation awards during the closing ceremony.

Registration Types and Fees

Full registration includes welcome reception, two-day conference, and half-day technical tour, as well as 1 lunch box, 2 luncheons, 2 dinners, and transportation for technical tours and Saturday dinner. Hotel accommodations are not included. Types of registration are:

- Attendee Full (\$300/person)
- Attendee Early Bird (\$280/person, by April 3, 2017)
- Family Members and Full-time Student (\$150/person)
- Original receipts will be available at the reception desk
- Payment method: PayPal to ictpatexas@gmail.com

Friday Technical Tours

Participants need to sign up the preferred Friday Technical Tour before April 3, 2017 by emailing ictpa2017@gmail.com, indicating one of the following tours.

1. Houston TranStar

Houston TranStar is a unique partnership of representatives from the City of Houston, Harris County, METRO and TxDOT who share resources and exchange information under one roof to keep motorists informed, roadways clear and lives safe in the fourth most populated city in the United States (<http://porthouston.com/portweb/sam-houston-boat-tour/registration/>).

2. Houston Ship Channel (limited to 10 participants, first-sign, first-served)

Come aboard for a one-of-a-kind, waterborne voyage that provides a unique and educational introduction to the Houston Ship Channel, home to one of the busiest and most diverse ports in the world (<http://porthouston.com/portweb/sam-houston-boat-tour/registration/>).

3. TSU Transportation Labs and UH Energy Research Park

The lab and equipment at TSU Innovative Transportation Research Institute (ITRI), include mini TranStar Traffic Lab, full-motion Driving Simulator, mobile traffic van, Portable Emission Measurement System (PEMS), traffic simulation lab, traffic signal lab, sound measuring system, and ECG monitoring system. The UH Energy Research Park is the only industry research park in the City of Houston dedicated to energy. Research in diesel emissions, biofuels, wind energy, superconductivity and petroleum engineering are all currently housed or are in development at the park (<https://www.eqr.uh.edu/research/energy-research-park>).

After Conference Tours

The after conference tours will be operated by the third party. Please check www.ictpa.org.

Hotel Information

- **Recommended Hotel:** Hilton Hotel at University of Houston Campus
<http://www3.hilton.com/en/hotels/texas/hilton-university-of-houston-HOUUHHF/index.html>

Driving Directions

Visit: <http://www.uh.edu/visitors/directions/index.php>

● From Hobby Airport

1. Follow the exit signs from airport to I-45 North
2. Stay on I-45 North
3. Exit Elgin-Lockwood Cullen (44a)
4. Turn Left on Elgin at the stoplight
5. Go under overpass, turn left at stoplight onto TX-5 Spur S
6. Turn right onto University Drive
7. Continue on University Drive, cross Calhoun Rd.
8. Welcome Center and visitors booth are on the left at Entrance 1

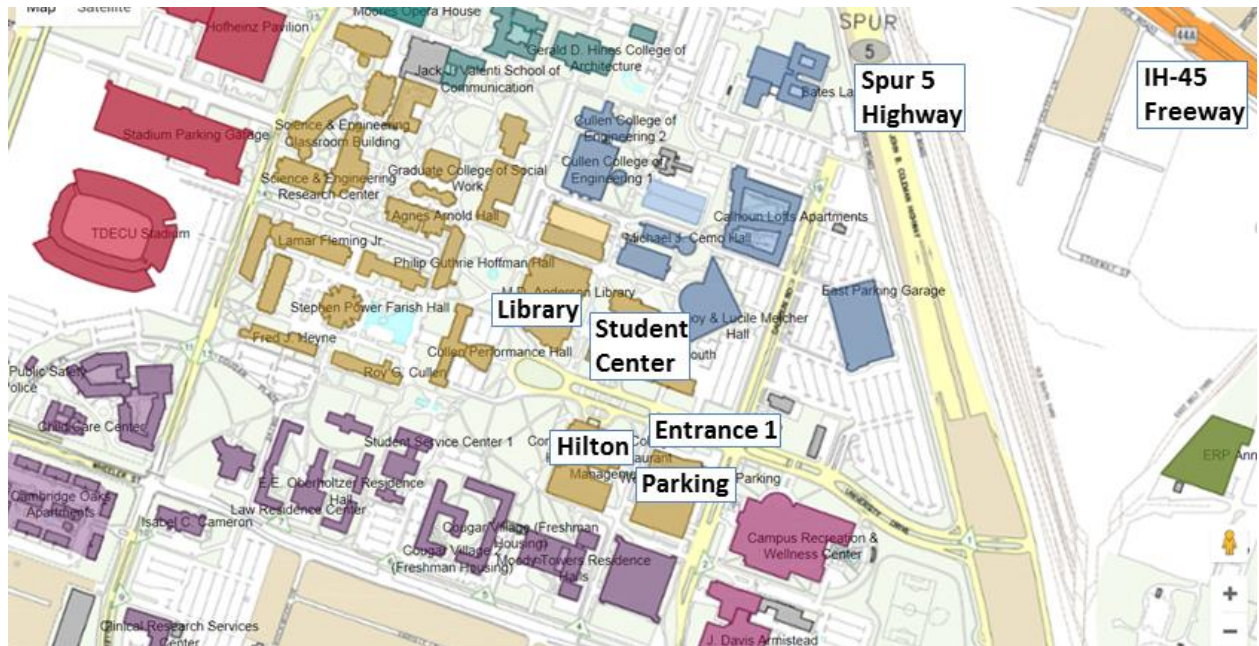
● From George Bush Intercontinental Airport/Houston (IAH)

1. Head west on N Terminal Rd toward S Terminal Rd
2. Continue onto Jetero Blvd/Will Clayton Pkwy. Continue to follow Will Clayton Pkwy
3. Turn right onto 4th St/Eastex Freeway Service Rd
4. Take the ramp on the left onto US-59 S
5. Take the exit onto I-45 S toward Galveston
6. Take exit 44B toward State Route 5 S
7. Merge onto TX-5 Spur S
8. Turn right onto University Drive
9. Continue on University Drive, cross Calhoun Rd.
10. Welcome Center and visitors booth are on the left at Entrance 1

● For GPS Users, Taxi, Uber, etc.

Please use the address: *4800 Calhoun Road, Houston, TX 77204, USA* for directions.

Campus Map, University of Houston <http://www.uh.edu/maps/>



Committees

General Chair: Dennis Li, President of ICTPA
MetroSolutions Limited, Hong Kong, China

General Co-chair: Fengxiang Qiao, Ph.D., 1st VP of ICTPA
Professor in Texas Southern University, USA

● **Conference Secretariat:**

- Dr. Alice Kuo, Dr. Qing Li, Ms. Bin Wang

● **International Advisory Committee**

- Dr. Joe Lee
- Dr. Charles Liu
- Mr. Chi-Hsin Shao
- Dr. David Shen
- Mr. Luke Cheng
- Dr. Endi Zhai
- Mr. Jerry Cheng
- Mr. Jimmy Lin
- Dr. Mike Houh
- Mr. Peter Lai
- Dr. Pei-Sung Lin

● **Award Committee**

Dennis Li, Jerry Cheng, Mike Houh, Peter Lai, Alice Kuo, Fengxiang Qiao, and Mengzhao Hu

● **Technical Program Committee**

Honorary Chairs:

- Dr. Hai Yang, Editor-in-Chief of Transportation Research Part B: Methodological, and Chair Professor at The Hong Kong University of Science and Technology, Hong Kong
- Dr. Lei Yu, Director of US Department of Transportation Beyond Traffic Innovation Center for Gulf Coast Megaregion, and Professor in Texas Southern University, USA
- Dr. Neil N. Eldin, Dean and Professor, College of Technology, University of Houston, USA
- Dr. Yong Bai, Marquette University, USA
- Dr. Joel Shon, Tainan University of Technology, Taiwan
- Dr. Pan Liu, Dean and Professor, School of Transportation, Southeast University, China

Chairs:

- Dr. Fengxiang Qiao, Texas Southern University, USA
- Dr. Lu Gao, University of Houston, USA
- Dr. Qing Li, Texas Southern University, USA

Members:

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- Dr. David Shen, Florida International University
- Mr. Dennis Li, MetroSolutions Limited, Hong Kong
- Dr. Endi Zhai, China Expert of Thousands of Plans, China
- Dr. Feng-Bao Lin, City College of New York
- Dr. Francis Lung, Hydrotech International, Hong Kong
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- Dr. Guohua Song, Beijing Jiaotong University, China
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- Dr. Mike Houh, Precision Systems, Inc.
- Dr. Pei-Sung Lin, University of South Florida
- Dr. Peter Chen, Santa Clara Valley Transportation Authority
- Dr. Qiang Meng, National University of Singapore, Singapore
- Dr. S. K. Jason Chang, National Taiwan University, Taiwan
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- Dr. Ta-Ying Hu, National Chenkung University, Taiwan
- Dr. Tiezhu Li, Southeast University, China
- Dr. Virgil Ping, Florida State University
- Dr. Wei-Hsing Huang, National Central University, Taiwan
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- Dr. Yunlong Zhang, Texas A&M University, USA
- Dr. Yunpeng Zhang, University of Houston, USA
- Dr. Zhongfu Xiang, Chongqing Jiaotong University, China
- Dr. Zongzhong Tian, University of Nevada Reno, USA

Best Paper / Presentation Award Committee

- Dr. Lu Gao, University of Houston, USA
- Dr. Peter Chen, Santa Clara Valley Transportation Authority

Local Organization Committee

Chair:	Heng Wang <i>(President of ICTPA Texas Chapter, and Senior Planner at Houston-Galveston Area Council, Houston, USA)</i>
Co-Chairs:	Lingguang Song, Ph.D. <i>(Chair of Department of Construction Management, University of Houston, USA)</i> Raymond Douglas Chong, P.E., P.Eng., PTOE, PTP, STP <i>(Founding President of ICTPA Texas Chapter, and Engineer in Engineering Department, City of Corpus Christ, USA)</i>
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Conference Facilitator:	Michelina Johnson
VIP Invitation:	Mike Houh, Raymond Chong
Sponsorship:	Raymond Chong, Hexiang Huang, Wilson Wong, Xiaobing Wang
Government Relations:	Zhong Xie
Community Relations:	David Gao, Hexiang Huang, Zhong Xie
Media Relations:	Hexiang Huang
Career Fair:	Hua Huang, Zhong Xie
Website:	Zhenyu Wang, Hexiang Huang, Jianbang Du
Conference Registration:	Juan Li, Boya You
Gala Facilitators:	Heng Wang, Zhong Xie, Hua Huang
Gala Registration:	May Chen, Ying Chen
Gala Decoration:	Shuaiyu Chen, Boyang
Transportation:	Han Wen
Volunteer Coordinator:	Qing Li

Supporting Organizations

National Association of Chinese Americans (NACA)
US China Friendship Association (UCFA)

Sponsors

MetroSolutions Ltd., Hong Kong
ICTPA Hong Kong Chapter
Innovative Transportation Research Institute, Texas Southern University
Department of Construction Management, University of Houston

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(More to add...)

