

**The 32nd International Chinese Transportation Professionals Association Annual Conference  
May 16-19, 2019 San Jose, California, U.S.A.**

**Day 1**

Date	Location	Time	Activities	Contact Person
May 16 Thursday	San Jose Marriott	1:00pm-5:00pm	Technical tour to BART Berryassa Station/Prospect SV/City of San Jose TMC (Departure from San Jose Marriott at 1:00pm)	Peter Chen
	Culinary Corner Bistro	6:00pm-8:00pm	Welcome Dinner Location: Culinary Corner Bistro Address: 321 S 1st St, San Jose, CA 95113 (2 minute walk from hotel)	Gary Hsueh

**Day 2**

Date	Location	Time	Activities	Moderator		
May 17 Friday	SJSU Student Union	8:30am-5:30pm	Registration in the Student Union San Jose State University		Mengzhao Hu	
		8:30am-9:30pm	Networking: Student Union			
	9:30am-10:00am Open Ceremony	ICTPA	Dr. Fengxiang Qiao (ICTPA International President)	Chi-Hsin Shao		
		ICTPA Northern California Chapter	Gary Hsueh (ICTPA Northern California Chapter President)			
		Mineta Transportation Institute	Dr. Hilary Nixon (MTI Deputy Executive Director)			
		10:00am-10:20am	Group Photo			
	SJSU Student Union Ballroom B	10:20am-10:30am	Break			
	10:30am -12:00pm Conference Theme "Innovation in Transportation" Speeches and Panel Discussion	Keynote Speakers (15 minutes per speech and 30 minutes Panel Discussion)	San Francisco County Transportation Authority Executive Director: Tily Chang Santa Clara Valley Transportation Authority Director: Chris Augenstein Santa Clara Valley Transportation Authority Deputy Director: Casey Emoto Prospect Silicon Valley CEO: Ruth Cox			

**Lunch (12:00pm - 13:15pm, Student Union)**

**Awards Presentations**

Date	Location	Time	Session 1a (Topic: Connected/Autonomous Vehicle/Electric Vehicle)
May 17 Friday	SJSU Student Union Ballroom B	1:15pm-2:30pm	<b>Moderator: Wendy Tao, Siemens</b>
			Initial Assessment of Impact of Connected/Autonomous Vehicles on System MOEs Lawrence Liao, <i>Elite Transportation Group, Inc. (ETG)</i>
			Considering Autonomous Vehicle in Modeling Travel Demand Luke Cheng, <i>Citilabs</i>
			Lessons Learned from Real World Deployments of Connected Vehicle Technology Wendy Tao, <i>Siemens</i>
		2:30pm-3:30pm	<b>Session 1b Conversation about Law and Policy for Autonomous Vehicles, in US and Abroad</b>
			<b>Moderator: Parker Zhang, Legal Director for Baidu USA (Apollo Open Source Autonomous Driving Platform)</b>
			Fireside Chat on Future Autonomous Vehicle - from Legal Perspective Xiaoyan Zhang, Senior Counsel, ReedSmith LLP
	SJSU Student Union Meeting Room 4a	1:30pm-3:30pm	<b>Session 2 (Topic: Pedestrian/Bike Research and Traffic Safety)</b>
			<b>Moderator: Pei-Sung Lin, University of South Florida</b>
			Improving Knowledge of Safe Pedestrian and Bicyclist Behaviors through Grassroots Education Pei-Sung Lin*, Deborah Schultz, Jason Jackman, <i>University of South Florida - Center for Urban Transportation Research (CUTR)</i>
			San Leandro 2018 Bicycle and Pedestrian Master Plan Update Reh-Lin Chen *, Keith Cooke, <i>City of San Leandro</i> ; Jeff Knowles, <i>Alta Planning + Design, Inc.</i> ; Michael Stella, <i>City of San Leandro</i>
			Walking into the Age of Data: Putting Our Best Foot Forward to Improve Pedestrian Safety John Lower, <i>Iteris</i>
		Unraveling the Mobility Pattern of Dockless Bike-Sharing (Mobike) Use in Shanghai Xuemei Fu, <i>Shandong University</i>	

**Break (3:30pm-3:45pm)**

Date	Location	Time	Session 3 (Topic: Connected/Autonomous Vehicle/Electric Vehicle)
	SJSU Student Union Ballroom B	3:45pm-4:30pm	<b>Moderator: Gary Hsueh, Prospect Silicon Valley</b>
			Estimating Impacts of Automated Shuttles Hilary L Davidson, <i>Prospect Silicon Valley</i>
			Modeling Spatiotemporal Information Flow Propagation in a Vehicle-to-vehicle Communications Yangjiao Chen*, <i>Purdue University</i> ; Jian Wang, <i>Ningbo University</i> ; Siyuan Gong, <i>Chang'an University</i> ; Srinivas Peeta, <i>Georgia Institute of Technology</i> ; Samuel Labi, <i>Purdue University</i>
			Investigating the Distribution of Charging Stations to Encourage the Use of Electric Vehicles Fengxiang Qiao, Lijie Zhou*, <i>Texas Southern University</i>

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May 17 Friday	SJSU Student Union Meeting Room 4a	3:30pm-4:30pm	<b>Session 4 (Topic: Traffic Operation and Maintenance)</b>	
			<b>Moderator: Wendy Tao, Siemens</b>	
			How Are Technologies Changing Our Way of Doing Signal Timing and Coordination <i>Zong Tian, University of Nevada, Reno</i>	
			Operational Impacts of Right-Turn Deceleration Lane for Multimodal Users at Signalized Intersections: A Simulation-Based Study <i>Zhenyu Wang, University of South Florida - Center for Urban Transportation Research (CUTR)</i>	
			Testing and Evaluation of Freeway Wrong-way Driving Detection Systems <i>Pei-Sung Lin *, Cong Chen, University of South Florida - Center for Urban Transportation Research (CUTR); Seckin Ozkul, University of South Florida; Rai Ponnaluri, Florida Department of Transportation</i> Moving Toward a Public Agency Led "Ownership" of the Customer <i>Wendy Tao, Siemens</i>	

May 17 Friday	SJSU Student Union Room 1	4:30pm-5:30pm	ICTPA Board Meeting	
	Jade Cathay Chinese Cuisine	6:00pm-8:00pm	Welcome Banquet Location: Jade Cathay Chinese Cuisine 1339 N First St, San Jose, CA 95110	Fengxiang Qiao Gary Hsueh

**Day 3**

Date	Location	Time	<b>Session 5 (Topic: Sustainability and Environmental Studies)</b>	
May 18 Saturday	SJSU Student Union Ballroom B	8:30am-10:00am	<b>Moderator: Fengxiang Qiao, Texas Southern University</b>	
			Temporal Characteristic Trends and Forecasting Urban Atmospheric PM2.5 <i>Jianbang Du*, Fengxiang Qiao, Lei Yu, Texas Southern University</i>	
			A Multi-dimensional Comparative Analysis of Vehicle Emissions on Urban Radial Roads <i>Xumei Chen*, Ruohua Liao, Yuhuan Wang, Beijing Jiaotong University</i>	
			Using Wavelet Decomposition Method to Characterize the Relationships between Vehicle Emissions <i>Mahbuba Khan, Fengxiang Qiao*, Lei Yu, Texas Southern University</i>	
			A Connected City of Vibrant and Focused Growth - Transportation Analysis Policy Revision in San José <i>Wilson Tam, City of San Jose</i>	
	SJSU Student Union Meeting Room 4a		<b>Session 6 (Topic: Traffic Safety )</b>	
			<b>Moderator: Mengzhao Hu, KOA</b>	
			Exploring Impacts of Street Lighting Patterns on Nighttime Crashes along Roadway Corridors <i>Zhenyu Wang *, Pei-Sung Lin, University of South Florida - Center for Urban Transportation Research (CUTR); Edith Wang, Florida Department of Transportation</i>	
			Vision Ten <i>Gordon Lum, Willdan</i>	
			Implementing the Collision Database Management System for the City of Los Angeles <i>Chris Wang, RoadSafeGIS</i>	
What does a True Community-Based Transportation Project Mean? Lesson Learned from Allen Station Gold Line Safety Enhancement Project for City of Pasadena <i>Mengzhao Hu, KOA</i>				

**Break (10:00am-10:15am)**

Date	Location	Time	<b>Session 7 (Topic: Transportation Planning and Modeling Research)</b>	
May 18 Saturday	SJSU Student Union Ballroom B	10:15am-12:00am	<b>Moderator:</b>	
			Spatial-Temporal Graph Convolutional Networks for Network-wide Traffic Forecasting <i>Wei Chang*, Sheng Jin, Zhejiang University</i>	
			Modeling the Traffic Correlation Degree at Multiple Air Route Intersections in the Airspace of China <i>Wanle Wang*, Lili Wang, Civil Aviation University of China</i>	
			Study on the Perception Bias of Driving Behavior Based on the Comparison of Different Models <i>Shuqin Hu, Southeast University</i>	
			A Demo of Rent Estimation Model Based on Public Data - Using PUMS and ACS Data for Housing Model Estimation <i>Ya Wang, Independent Consultant</i>	
	SJSU Student Union Meeting Room 4a		<b>Session 8 (Topic: Future Railway Development)</b>	
			<b>Moderator: Dennis Li, MetroSolutions Limited, TUV SUD</b>	
			The Impact of Depot Sharing on the Number of Vehicles Used in Urban Rail Transit under Unpaired <i>Min Wang*, Baohua Mao, Tong Zhang, Beijing Jiaotong University</i>	
			Operating a High Speed Railway under One Country Two Systems <i>Dennis Li, MetroSolutions Limited, TUV SUD</i>	
			Train Tracking Interval Compression Method and Simulation Based on Speed Optimization Control <i>Chao-yu Wang*, Qiyuan Peng, Gongyuan Lu, Southwest Jiaotong University</i>	
Making Hyperloop A Reality <i>Dapeng Zhang, Virgin Hyperloop One</i>				
The Rise of the Chinese Railways <i>Nientszr Tsai, Retired</i>				

**Lunch (12:00pm - 13:30pm, Student Union Ball Room B)**

**Moderator: Mengzhao Hu**  
Introducing 33rd ICTPA Annual Conference Host - Shanghai University of Engineering Science  
**Shubin Zheng, Ph.D., Deputy Dean, College of Urban Railway Transportation**

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Date	Location	Time	Session 9 (Topic: Travel Behaviors )	
May 18 Saturday	SJSU Student Union Ballroom B	1:30pm-3:00pm	<b>Moderator:</b>	
			Understanding Factors Affecting Travel Happiness of Senior Citizen In China <i>Zhu Qian, Southeast University</i>	
			Travel Well Being Analysis and Transportation Policy Recommendations for the Purpose of <i>Shuqin Hu, Southeast University</i>	
			Travel Happiness Measure and the Effects of Transport Intervention on Travel Choice and Happiness Based on Advanced Behavioral Theory <i>Aihua Fan, Beijing Jiaotong University</i>	
	SJSU Student Union Meeting Room 4a		<b>Session 10 (Topic: Transportation Infrastructure Design and Management)</b>	
			<b>Moderator:</b>	
			Development of Chip Seal Performance Models for Local Agencies in California <i>DingXin Cheng, California State University, Chico</i>	
			Improvements in CRCP Bonded Concrete Overlay Design <i>Fei Yu, Texas Tech University</i>	
			Achieving Transportation Resilience in Liberian Coastal Project <i>Edmond C. Chang, EDCPC, Inc.</i>	
			How the Development of Electric Public Fleets Has Catalyzed Robust Transportation <i>Hilary L Davidson, Prospect Silicon Valley</i>	
<b>Break (3:00pm-3:15pm)</b>				
Date	Location	Time	Session 11 (Topic: Smart City )	
May 18 Saturday	SJSU Student Union Ballroom B	3:15pm-4:30pm	<b>Moderator: Mengzhao Hu, KOA</b>	
			Assessing Spatial Productivity of Labour Markets in Melbourne – A Transport perspective <i>Terry Li, RMIT University</i>	
			Super Commuting in the Bay Area: Challenges & Opportunities <i>Anthony Nachor, San Jose State University</i>	
			How Mobility-on-Demand is Changing Commuter Behavior <i>Hilary L Davidson, Prospect Silicon Valley</i>	
	SJSU Student Union Meeting Room 4a		<b>Session 12 (Topic: Highway Operation )</b>	
			<b>Moderator:</b>	
			Addressing Transportation Accessibility with an Autonomous Shuttle at the Palo Alto Veteran’s Hospital <i>Hilary L Davidson*, Gary Hsueh, Prospect Silicon Valley</i>	
			Asphalt Pavement Maintenance and Rehabilitation Treatment Selection using an Expert System Approach <i>DingXin Cheng, California State University, Chico</i>	
			Impact of Highway Toll Road Pricing Strategies on Ozone Related Vehicle Emissions <i>Jianbang Du*, Fengxiang Qiao, Lei Yu, Texas Southern University</i>	
			May 18 Saturday	SJSU Student Union Ball Room
<b>Day 4</b>				
<b>Optional</b>				
Date	Location	Time	Activities	Contact
May 19 Sunday	Various	8:00am-6:00pm	Tour to San Francisco/San Jose	Gary Hsueh