2018

COTA

INTERNATIONAL SYMPOSIUM ON EMERGING TRENDS IN TRANSPORTATION

ISETT

Honolulu, Hawaii, USA
October 4-6, 2018

PROGRAM BOOK

ISETT 2018

TRB
TRANSPORTATION RESEARCH BOARD
OF THE NATIONAL ACADEMIES

COTA International Symposium On Emerging Trends in Transportation 2018

Contents

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Dr. Yu Zhang, Associate Professor, University of South Florida, USA

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Dr. Hai Yang, Chair Professor, The Hong Kong University of Science and Technology, China
Dr. Yafeng Yin, Professor, University of Michigan Ann Arbor, USA

Welcome Remarks

It is our great pleasure to welcome you all to the inaugural COTA International Symposium on Emerging Trends in Transportation (ISETT 2018) in Honolulu, Hawaii, USA. ISETT 2018 is jointly organized by the Chinese Overseas Transportation Association (COTA) and University of Hawaii.

COTA has been organizing major transportation conferences with its university partners since 2001. Each year, more than 1,000 researchers and practitioners with an interest in transportation issues related to China and developing countries attend the COTA Summer Conference held in China, better known as the COTA International Conference on Transportation Professionals (CICTP); and the COTA Winter Workshop, jointly held with the Transportation Research Board Annual Meeting in Washington, D.C., USA. With the new Fall ISETT symposia series, COTA plans to team up with its academic, government and industry partners to host a smaller but more focused gathering of thought leaders on emerging technology, policy and other trends in transportation. The three-day ISETT 2018 program is filled with keynote and plenary speeches from international leaders in big data and mobility as a service, podium and poster sessions focusing on new transportation technologies, a tutorial on big data analytics and visualization, a workshop on connected and automated vehicles, and a panel discussion session on how new data sources are shaping the future of transportation research and practices. The Symposium also offers many great opportunities for social activities and networking.

On behalf of the ISETT 2018 organizing committee, I would like to express our sincere gratitude to all authors and conference participants for their great contributions. We are also grateful to all paper reviewers and editors for their diligent efforts. We are also fortunate to have University of Hawaii as our local conference host, and I would like to thank our local hosts for their wonderful contribution to the conference program and for their impressive hospitality. While ISETT 2018 is the first of this new COTA Symposia series, several sponsors nevertheless believed in the value of this symposium and generously sponsored this event. Let us thank them for their support! Finally, I would like to thank my follow conference organizing committee members, session chairs, and conference staff members for their hard work and great efforts.

I hope you all will find ISETT 2018 an excellent platform for information exchange, experience sharing, and professional networking. I also hope to see you more in future COTA conferences and events!

Dr. Lei Zhang,
ISETT 2018 Conference Chair and President of COTA
Herbert Rabin Distinguished Professor and Director, Maryland Transportation Institute
University of Maryland

Chris Hendrickson
Member of the U.S. National Academy of Engineering (NAE), Professor, Carnegie Mellon University, USA

Zhenning Dong
Vice President, Alibaba
CEO, Autonavi Software Co., Ltd., China

Michael Pack
Director,
CATT Laboratory,
University of Maryland

Panos Prevedouros
Professor & Chair,
Civil and Environmental Engineering Office,
University of Hawaii at Manoa

Maryland Transportation Institute

The Maryland Transportation Institute at the University of Maryland is a catalyst for high-caliber transportation research, innovation, and technology transfer. With internationally leading experts in engineering, planning, data science, human computer interaction, logistics, social sciences, public policy, public health, and sustainability, the institute is uniquely positioned to unearth solutions to society's greatest transportation challenges and fuel community and economic development.
Website: https://mti.umd.edu/

Citilabs

Citilab is a digital lab for citizen innovation in Cornellà de Llobregat, Catalonia, Spain. It mixes citizen-based innovation with research, entrepreneurship and training. Its rationale is to offer a resource platform for citizens so that they can start their own projects around technology and the internet, specially the collaborative and audiovisual internet. Citilab is related to the model of Living Lab, a mixed public/private partnership where citizens, businesses, government agencies and research centers are involved in the innovation process. Unlike facilities for conventional research, the Living Labs aim to create and validate technologies, products, services and business models in real settings for and everyday contexts.
Website: http://www.citilabs.com/

CATT Laboratory

The Center for Advanced Transportation Technology Laboratory at the University of Maryland was originally established in 2002 as an academic applied research and development lab to support national, state, and local efforts to solve important transportation, safety, and security problems. The CATT Lab accomplishes this mission through innovative technology deployments and user-centered design of software and information visualization systems. Our work spans many disciplines including Intelligent Transportation Systems, law enforcement, network security, private business, defense and homeland security. CATT Lab is now the largest transportation data and data analytics center in the U.S., serving more than 8,000 agency and private-sector users across all 50 states and D.C.
Website: https://www.cattlab.umd.edu/

Metropia

Metropia's platform, powered by AI-based algorithms, data analytics and behavioral economics, provides a multidimensional demand management framework (route, departure time and mode) to support transportation system congestion-management strategies and policies.

In most US markets, commuter behaviors and motivations are out of sync with transportation system management goals and mode operator capacity and capability. Metropia aligns the interests of these three disparate stakeholder groups through the deployment of a singular platform: TOTAL MOBILITY.

TOTAL MOBILITY enhances Transportation System Management and Operations (TSMO) by harnessing emerging shared mobility features and services, AI-based algorithms, data analytics and behavioral economics to solve active demand management (ADM) challenges.

Website: www.Metropia.info

Date	Time	Session	Room
Thursday, Oct 4, 2018	08:30-17:00	Registration	
	08:30-09:00	Opening Ceremony	Makai Ballroom
	09:00-10:00	Keynote Session	
	10:30-12:00	1A: Shared Mobility for Better Service	Makai Ballroom
		1B: Emerging Technologies and Travel Behavior	Maloko Ballroom
	13:30-14:50	1C: Hawaii Local Transportation Innovations	Makai Balroom
	15:00-17:00	Tutorial Workshop 1: Traffic Simulation and Disaster Preparation	Makai Ballroom
	17:00-21:00	Welcome Reception	Kou Ballroom
Friday, Oct.5, 2018	08:30-09:30	Plenary Session	Makai Ballroom
	10:00-12:00	2A: ICT for Improving Transportation Practice	Makai Ballroom
		2B: Hybrid Mobility System based on Technology Innovations	Mauka Ballroom
	13:30-14:50	2C: Multimodal Transportation System for Shared Mobility	Makai Ballroom
		2D: Automated Vehicle Forum	Mauka Ballroom
	15:00-17:00	Tutorial Workshop 2: Big Data Analytics and Visualization for Performance Management	Makai Ballroom
	17:00-20:00	Social and networking activities	Hyatt Regency Waikiki Beach
Saturday, Oct 6, 2018	08:30-10:00	Plenary Session	Kou Ballroom
	10:00-11:30	3A: Machine Learning Advances and Best Practices	Kou Ballroom
		3B: Data-Driven Safety Performance Improvements	Leahi Ballroom
	11:30-12:30	Closing Remarks	Elima Ballroom
	11:45:00 AM	Closing Ceremony & Farewell Lunch	Shor Ballroom

Thursday, Oct 4

Opening Ceremony **Chair:** *Dr. Heng Wei, Professor, University of Cincinnati, USA*	
Welcome Remarks	
8:30 – 8:40	Dr. Lei Zhang, President of COTA, University of Maryland
8:40 – 8:50	Panos Prevedouros, Chair of Civil and Environmental Engineering, University of Hawaii
Keynote Session: **Chair:***Dr. Xiaokun (Cara) Wang, Associate Professor* *Rensselaer Polytechnic Institute, USA;*	**09:00-09:30** **Makai Ballroom**
9:00 – 09:30	Transition to Connected and Automated Vehicles *Dr. Chris Hendrickson, Member of the U.S. National Academy of Engineering (NAE), Professor Emeritus, Carnegie Mellon University*
09:30 – 10:00	Topic: To be confirmed *Mr. Zhenning Dong, Vice President, Alibaba-Autonavi Software Co., Ltd., China*
10:00– 10:30	*Tea/Coffee Break*
Session I: Shared Mobility for Better Service **Chair:** *Dr. Yu Zhang, Associate Professor, University of South Florida, USA;*	**10:30-12:10** **Makai Ballroom**
10:30 – 11:00	Smart Urban Transport Planning - Remembering the Basics *Mr. Ronald Boenau, Boenau International Transport Research Advisor, USA*
11:00 – 11:20	Subscribe Now: Mobility-as-a-Service is the Future of Urban Transport *Mr. Andy Boenau, Speakeasy Media, USA*
11:20 – 11:40	Utilizing Public Domain Data to Estimate Non-motorized Trips Monthly: A Case Study in Washington Metropolitan Area *Ms. Yixuan Pan, the University of Maryland, USA*
11:40 – 12:00	Person Re-identification under the Problem of Path Selection *Dr. Xiaolong Ma, Tsinghua University, China*
12:00 – 12:10	Q & A
Session II: Emerging Technologies and Travel Behavior **Chair:** *Dr. Shanjiang Zhu, Associate Professor, George Mason University*	**10:30-12:10** **Maloko Ballroom**
10:30 – 11:00	A Mixture Hidden-Markov Model of High-Order Travel Behavior Dynamics *Dr. Chengfeng Xiong, University of Maryland, USA*

11:00 – 11:20	Connected Vehicles Sensing Approach for Improving Freeway Operation with Ramp Metering Control *Dr. Heng Wei, Professor, University of Cincinnati, USA*
11:20 – 11:40	The Influence of Advance Guide Signs of Urban Expressway Interchange: a Driving Simulator Study *Dr. Xiaohua Zhao, Beijing University of Technology, China*
11:40 – 12:00	Multi-lane Traffic Pattern Learning and Forecasting Using Convolutional Neural Network *Mr. Ruimin Ke, University of Washington Seattle, USA*
12:00 – 12:10	Q & A
12:10 – 13:30	*LUNCH*
Session III: Hawaii Local Transportation Innovations **Chair:** *Dr. Guohui Zhang, Associate Professor, University of Hawaii, USA*	**13:30-14:50** **Maloko Ballroom**
13:30 – 13:50	Title to be determined *Presenter: City of Honolulu Traffic*
13:50 – 14:20	Title to be determined *Presenter: Professor at University of Hawaii*
14:20 – 14:50	Title to be determined Presenter: AECOM Traffic Planner
Tutorial Workshop **Traffic Simulation and Disaster Preparation**	**15:00-17:00** **Makai Ballroom**
The purpose of this workshop is to introduce Citilabs Cube and its latest innovations in providing mobility analytics to assist both public agencies and private business in PREDICT, MEASURE and MANAGE movements of people, goods and vehicles. The program will include presentations on Citilabs latest innovations in mobility analytics will also be shared.	
17：00-21:00	Welcome Reception **Kou Ballroom**

Friday, Oct 5

Plenary Session: *Chair:*	**08:30-10:00 Makai Ballroom**
08:30 - 09:00	A Social Media Data Based Traffic Sensing System *Dr. Panos Prevedouros, Professor, the University of Hawaii at Manoa, USA*
09:00 – 09:30	Issues Surrounding Compressed Storage of Big Transportation Data *Dr. David Lovell, Professor, University of Maryland, USA*
09:30– 10:00	*Tea/Coffee Break*
Session I: ICT for Improving Transportation Practice *Chair: Dr. Ziqi Song, Associate Professor, Utah State University, USA*	**10:00-12:00 Makai Ballroom**
10:00 – 10:30	The Challenges of Leveraging Crowd-sourced event data from Waze for Operations & Research *Dr. Mark Franz, CATT Laboratory, University of Maryland, USA*
10:30 – 10:50	Construction Quality Control Using Lightweight Deflectometer *Mr. Zahra Afsharikia, University of Maryland, USA*
10:50 –11:20	Visualization of Individuals' Emotion Changes in Urban Space across Time: A Taxonomy *Dr. Ying Song, University of Minnesota, USA*
11:25 –11:50	Integrating Dynamic Traffic Assignment with Ramp Metering for Large-scale Corridor Management Under Various Scenarios *Mr. Minha Lee, University of Maryland, USA*
11:50 –12:00	Q&A and Open Discussion
Session II: Hybrid Mobility System based on Technology Innovations **Chair:** *Dr. Heng Wei, Professor, University of Cincinnati, USA*	**10:00-12:00 Mauka Ballroom**
10:00 – 10:20	Traffic State Estimation Using Stochastic Lagrange Dynamics *Dr. Fangfang Zheng, Southeast Jiaotong University, China*
10:20 –10:45	Hazardous Driver Behavior Pattern Discovery Using Artificial Intelligence Techniques *Dr. Jian Lu, Professor and Dean, Tongji University, China*
10:50 –11:20	Global Optimization Method for The Bike Network Design Problem with Cyclists' Travel Behavior *Dr. Qin Shi, Hefei University of Technology, China*
11:25 –11:50	Hybrid Choice Framework for Time-of-Day Choice in Trip-base Models *Mr. Aref Darzi, University of Maryland, USA*
11:50 –12:00	Q&A and Open Discussion

12:00– 13:00	*LUNCH*
Session III: Multimodal Transportation System for Shared Mobility **Chair:** *Dr. Jianming Ma, Ph.D., P.E., Texas Department of Transportation, USA*	**13:00-14:30** **Makai Ballroom**
13:00 – 13:30	Empirical Analysis on How Emerging Automated Vehicles and Shared Automated Vehicles Affect Future Travel Behavior *Dr. Yu Zhang, Associate Professor, University of South Florida, USA*
13:35 –14:00	Volume Estimation Using Traffic Signal Event-Based Data at Signalized Intersections *Mr. Xiaofeng Li, University of Arizona, USA*
14:05 –14:30	Emerging Rail Transportation Technologies/ Xiaobo Liu *Dr. Xiaobo Liu, Professor, Southwest Jiaotong University, China*
Forum：Automated Vehicle Forum **Chair:** *Dr. Guohui Zhang, Assistant Professor, University of Hawaii, USA*	**13:00-14:30** **Mauka Ballroom**
More description will be filled.	
Tutorial Workshop: **Real-World Questions, Real-World Answers with Real-Big Data** **Chair:** *Dr. Michael Pack, Director, CATT Laboratory, University of Maryland, USA*	**15:00-17:00** **Makai Ballroom**
In this highly-visual session, researchers and software developers at the Univ. of Maryland's Center for Adv. Transportation Technology will showcase big-data tools and technologies available to transportation professionals today that can transform the way they conduct business. They will also give a sneak peak of the latest big-data technologies being developed now for the next generation of traffic operators and planners and tell you how you can get access to these exciting tools.	
17：00~20:00	Social and networking activities

Saturday, Oct 6

Plenary Session: *Chair:*	**08:30-09:00** **Kou Ballroom**
08:30 – 09:00	Beyond Animation: interactive visualization techniques for big (and small) transportation data *Dr. Michael Pack, Director, CATT Laboratory, University of Maryland, USA*
09:00 – 09:30	Topic: To be confirmed *Dr. Goro Sulijoadikusumo, Planning Division Director, Hawaii Department of Transportation, USA*
09:30 – 10:00	*Tea/Coffee Break*
Session I: Machine Learning Advances for Best Practice **Chair:** *Dr. Haizhong Wang, Associate Professor, Oregon State University, USA*	**10:00-11:45** **Kou Ballroom**
10:00 – 10:20	Monitoring Multi-modal Travel Demand Month-by-month through Data Fusion and Integration *Dr. Shanjiang Zhu, Associate Professor, George Mason University*
10:25 – 10:45	A Wide-and-deep Learning Model of Travel Mode Detection *Mr. Jun Zhao, University of Maryland, USA*
10:50 – 11:10	Deep Learning for Driver Identification with DTW Common Track Verification *Ms. Guiliang Gong, Tsinghua University, China*
11:15 – 11:45	Connected vehicles/Wang *Dr. Haizhong Wang, Associate Professor, Oregon State University, USA*
11:50 –12:00	Q&A and Open Discussion
Session II: Data-Driven Safety Performance Improvements **Chair:** *Dr. Cathy Liu, Assistant Professor, University of Utah, USA*	**10:00-11:45** **Leahi Ballroom**
10:00 – 10:20	Hierarchical Spatio-Temporal Mapping of Crash Frequency by Severity *Zhenning Li, University of Hawaii, USA*
10:20 – 10:40	Durability of Recycled Lime-flash Treated Aggregates as Pavement Base Materials *Dr. Junan Shen, Georgia Southern University, USA*
10:40 – 11:00	Trajectory-based Traffic Management Inside an Autonomous Vehicle Zone *Gongyuan Lu, Southwest Jiaotong University, China*
11:00 – 11:35	Highway Crash Data Visualization in Northwest Regions *Dr. Hao Yu, University of Hawaii, USA*
11:40 – 12:00	Effects of Street Lighting on the Severity of Vulnerable Road User Crashes *Adrian Cottam, University of Arizona, USA*
12:00 – 12:10	**Closing Remarks** **Kou Ballroom**
Closing Ceremony & Lunch	

Thursday, Oct 4

Poster: 08:30 – 15:30
Coordinator: Maloko Ballroom

Session 1 Advanced Data Analytics to Promotion Information Sharing 8:00 – 12:00

Poster ID	Name	Title
P001	Xiao Qin	Modeling Freeway Crashes Using Artificial Realistic Traffic Data
P002	Lili Du	Clustering based Mixed Strategy Coordinated In-Vehicle Routing for Connected and/or Autonomous Vehicles
P003	Xiaolu LI	Restoration of Traffic Flow Data Based on Tensor Decomposition
P004	Jiaxu Chen	Study on Disaster Mitigation by Chain Scission of Subway Disaster Chain
P005	Hongyan Xiang	Bus Dwell Time Prediction at Bus Stop with Missing Data
P006	Hao Liu	Connected Vehicle Technology Affected Safety Surrogate Measurement

Session 2 Detection Technology Innovations for Traffic Data Collection *13:30 – 15:30*

Poster ID	Name	Title
P007	Arefeh Nasri	Multi-level Urban Form and Bikesharing; Insights from Five Bikeshare Programs Across the United States
P008	Pengfei Zhao	Optimal allocation of shared parking slots strategies: an agent-based approach under uncertainty
P009	Yanshuo Sun	Designing Dynamic and Personalized Travel Incentives for Transportation Network Efficiency
P0010	Lin Li	Automated Lane Marking Detection on 1mm 2D Laser Data Using Deep-learning Network
P011	Renhui Qiu	Transfer Learning based Traffic Sign Recognition Using Inception-v3 Model
P012	Wenting Luo	Simulation and Optimization of Traffic Organization at Highway Reconstruction and Extension Area under the Situation of Large Traffic Volume3D High Definition Map for Driverless System Based on Inertial Measurement Unit and 3D LiDAR System
P013	Zhihui Huang	Modeling and Managing Morning Commute with Park and Ride-sharing

Friday, Oct 5

Poster: Coordinator:		**08:30 – 15:30 Maloko Ballroom**
Session 1 Travel Behavior Changes Influnced by Emerging Information Sharing Platforms		***8:00 -12:00***
Poster ID	**Name**	**Title**
P014	Xiaofei Liu	Empirical Study on Government's Procurement of Urban Public Transport Services in China
P015	Lizeng Mao	The Design of Transportation Industry Credit Information Management and Service System in Beijing
P016	Wenwen Tu	A Deep Learning Model for Traffic Flow State Classification Based on Smart Phone Sensor Data
P017	Meng Zhang	Safety Management of Highway Traffic Accident Rescue Work
P018	Deyong Guan	An Method Considering Multi Travel Mode to Evacuate Flow on Urban Traffic Network
Session 2 Integrated Vehicle, Infrastrcture, Traveler into a Coordinated System		***13:30 – 15:30***
Poster ID	**Name**	**Title**
P019	Hui Liu	Evaluation of Subway Operational Security Based on Improved ANP and Cloud Model
P020	Chunliang Wu	Exploring Factors Influencing the Importance of Public Sharing Bike Stations Geographically Weighted Regression
P021	Rui Sun	Study on Passengers Spatial Distribution at BRT Loading Areas
P022	Rui Sun	Study on Speed-flow Relationship Model of Urban Roadways
P023	Yun Yue	Impact of V2X Collision Warning System on Driving Performance
P024	Li Tang	Efficient Choice Experimental Design for Demand Analysis of Sharing Driverless Car Users

Saturday, Oct 6

Poster: Coordinator:		**08:30 – 13:30 Elima Ballroom**
Session 1 Travel Behavior Changes Influnced by Emerging Information Sharing Platforms		***8:00 -12:00***
Poster ID	**Name**	**Title**
P025	Xiaoning Shi	Operational Scenarios and Performance Indicator for Connected Ships
P026	Xin Pei	Role of Road Network Features in the Evaluation of Incident Impacts on Urban Traffic Mobility
P027	Jina Mahmoudi	The Link Between For-Hire Service Pickups and Built Environment Characteristics-Evidence from New York City
P028	Chung-Shan Yang	Investigating UAV Applications and Intention to Use in the Maritime Shipping in Taiwan
P029	Weina Qu	Effects of Personality Traits on Pedestrian Behavior in a Chinese Sample
P030	Weina Qu	Cognitive and Behavioral Differences between Morning-Type and Evening-Type Drivers in China

General Information

Date: October 4-6, 2018

Venue: Hyatt Regency Waikiki Beach Resort and Spa

(Address: 2424 Kalakaua Avenue, Honolulu, Hawaii, United States, 96815-3289)

Website: http://www.cota-home.org/2018_fall_symposium

Online Registration: http://isett-registration.cota-home.org/

Registration fee includes:

• Access to all conference sessions, tutorials, and workshops;
• Refreshments/meals as listed in the program;
• Program book;
• Conference welcome reception on day 1, social networking dinner on day 2, and farewell lunch on day 3. The welcome reception is held in the Kou Ballroom, Hyatt Regency Waikiki Beach Resort and Spa, Thursday, October 4, 17:00-20:00. The social network dinner location will be announced in the final program or onsite. The farewell lunch is held in the Shor Ballroom, Hyatt Regency Waikiki Beach Resort and Spa, Saturday, October 6, 12:30.

Onsite Registration Desk

Conference registration desk is located in the Kou Ballroom of Hyatt Regency Waikiki Beach Resort and Spa. The opening time as follows:

October 4 08:30-17:00 Hyatt Regency Waikiki Beach Resort and Spa

Hotel Room Reservation Assistance:

To obtain the conference favorite hotel rate, please book your hotel room here:
https://book.passkey.com/e/49626497 ,
Choose "I am an attendee", the system will bring you to our ISETT hotel room booking page.
Discounted conference rate is $215/night +tax (14.962%) and resort fee.

Exhibit Hours

The exhibit area is situated in the Maloko Ballroom in Hyatt Regency Waikiki Beach Resort and Spa and will be open from 10am-3:30pm on October 4 and 5.

Social Networking Activities during the conference

Catering	Date	Time	Place
Networking Break with Coffee and refreshments	Oct, 4-5	10:00-10:30 14:50-15:20	MalokoB allroom
The Welcome Reception	Oct, 4	17:00-20:00	Kou Ballroom
BBQ Dinner	Oct, 5	17:00-21:30	To be announced.
Networking Break with Coffee and refreshments	Oct, 6	10:00-10:30	Leahi Ballroom
Farewell Lunch	Oct, 6	12:30-14:00	Shor Ballroom

Conference Secretariat

The conference secretariat, based in University of Maryland, provides additional support for all participants. If you have any questions or concerns during the conference, please do not hesitate to contact the conference secretariat.

ISETT2018 Secretariat:

1173 Glenn Martin Hall,
College Park,
MD 20742, USA
Email: isett.cota@gmail.com

Hotel Information

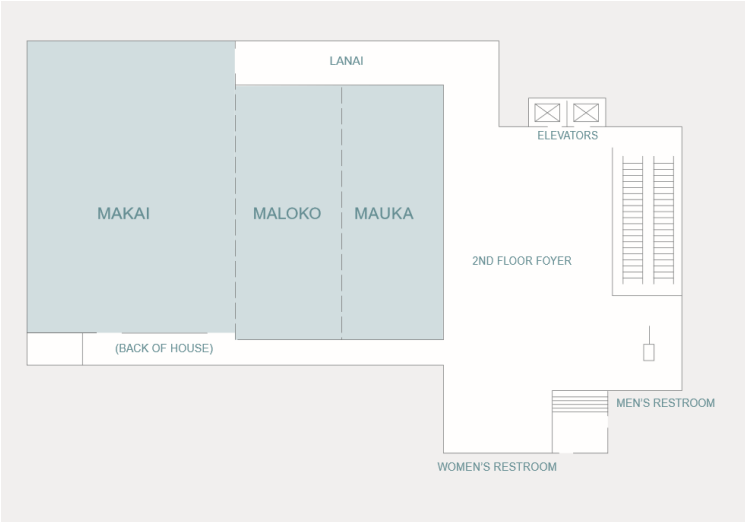
- **Hyatt Regency Waikiki Beach Resort and Spa** ★ ★ ★ ★ ★

  (Website: https://www.hyatt.com/en-US/hotel/hawaii)

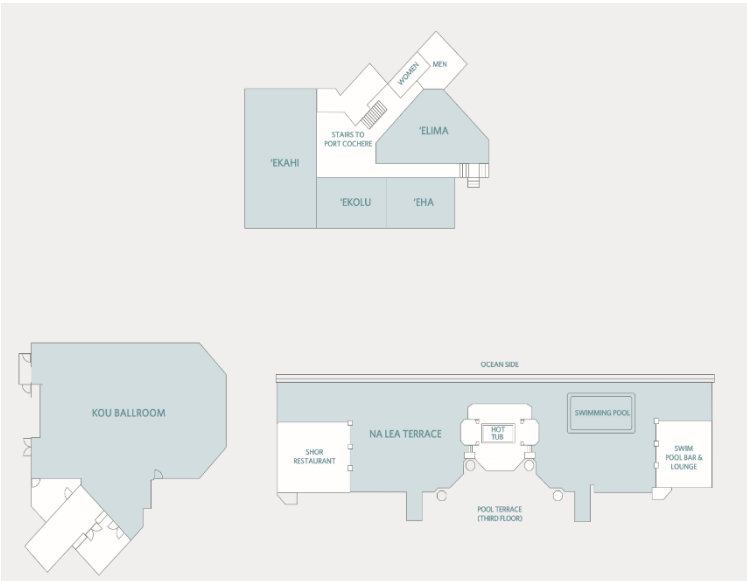
Add: 2424 Kalakaua Avenue, Honolulu, Hawaii, United States, 96815-3289

Floorplan of the hotel

(Convention Center 2nd floor)



(Diamond Head Meeting Room & 3rd floor)



Local Transportation

- **Daniel K. Inouye International Airport (Honolulu Airport) → Hyatt Regency Waikiki Beach Resort and Spa**

DISTANCE: Approximately 20.4 km/7.6 mile

BY TAXI:
Fee: 45 USD
Travel Time： 25 Min

BY Shuttle:
SpeediShuttle is the only authorized, on demand shuttle service provider at the Honolulu airport, and has Greeters stationed throughout the terminal. Travelers arrive curbside, check in with a SpeediShuttle Greeter, and are escorted to one of the exclusive pickup locations.(https://www.speedishuttle.com/)

Things to do in Honolulu

- **USS Arizona Memorial Narrated Tour**

1 Arizona Memorial Place, Honolulu, Oahu, HI 96818-3103
A 184-foot memorial honoring the 2,388 Americans who died during the Japanese attack on Pearl Harbor.
Hours Today: 7:00 AM - 5:00 PM
Suggested duration: 1-2 hours

Chinese Overseas Transportation Association (COTA)

Established in January 1996, COTA (formerly NACOTA or North America Chinese Overseas Transportation Association) is a non-profit professional organization registered in Maryland, USA. The main missions of COTA are to strengthen connections between overseas transportation professionals worldwide and their counterparts in China, promote transportation development in China by providing knowledge and expertise through its members, enhance networking and collaboration among its members and serve as an information and knowledge-sharing platform on transportation development for all transportation professionals. COTA has approximately 1000 members and friends in North America and other parts of the world.

The CICTP series, formerly ICCTP (International Conference of Chinese Transportation Professionals), is one of two major conferences that COTA organizes every year (the other is a winter symposium series held in conjunction with the Transportation Research Board (TRB) Annual Meeting every January in Washington D.C. CICTP is held in China every summer and is the premier gathering for Chinese transportation professionals worldwide and for those who are interested in contributing to or gaining a deeper understanding of the transportation development in China and other countries. CICTP has become the most influential academic conference in China. The Transportation Research Board (TRB) of the U.S. National Academies cosponsors CICTP.

The website: http://www.cota-home.org/

UNIVERSITY of HAWAI'I®

The University of Hawai'i system (formally the University of Hawai'i and popularly known as UH) is a public, co-educational college and university system that confers associate, bachelor's, master's, and doctoral degrees through three university campuses, seven community college campuses, an employment training center, three university centers, four education centers and various other research facilities distributed across six islands throughout the State of Hawaii in the United States.

The University of Hawai'i at Mānoa is the flagship institution of the University of Hawai'i system. It was founded as a land-grant college under the terms of the Morrill Acts of 1862 and 1890. It is well respected for its programs in Hawaiian/Pacific Studies, Astronomy, East Asian Languages and Literature, Asian Studies, Comparative Philosophy, Marine Science, Second Language Studies, along with Botany, Engineering, Ethnomusicology, Geophysics, Law, Business, Linguistics, Mathematics, and Medicine. The second-largest institution is the University of Hawai'i at Hilo on the "Big Island" of Hawai'i, with over 3,000 students. The smaller University of Hawai'i-West O'ahu in Kapolei primarily serves students who reside on Honolulu's western and central suburban communities. The University of Hawai'i Community College system comprises four community colleges island campuses on O'ahu and one each on Maui, Kaua'i, and Hawai'i. The schools were created to improve accessibility of courses to more Hawai'i residents and provide an affordable means of easing the transition from secondary school/high school to college for many students. University of Hawai'i education centers are located in more remote areas of the State and its several islands, supporting rural communities via distance education.
The website: https://manoa.hawaii.edu/

Transportation Research Board of the National Acedemies

The Transportation Research Board (TRB) is a division of the National Research Council of the United States which serves as an independent adviser to the President of the United States, the Congress and federal agencies on scientific and technical questions of national importance. It is jointly administered by the National Academy of Sciences, the National Academy of Engineering, and the National Academy of Medicine.

As one of seven major divisions of the National Academies of Sciences, Engineering, and Medicine, the TRB promotes innovation and progress in transportation through research in an objective and interdisciplinary setting. It stimulates research and offers research management services that promote technical excellence; provides expert advice on transportation policy and programs; and disseminates research results broadly and encourages their implementation. The TRB hosts some 200 standing committees that address specific aspects of transport and the annual TRB conference attracts more than 13,000 attendees.

The website: http://www.trb.org/Main/Home.aspx