



Year of the Dragon



International Chinese Transportation Professionals Association
Southern California Chapter
An IRS 501(c)(6) Nonprofit Organization

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Please Join Us for Great Keynote Speeches & Celebration of the 2024 Lunar New Year!



Saturday, March 2, 2024

5:00 pm – 6:00 pm Registration and Networking

6:00 pm – 6:30 pm Dinner

6:30 pm – 6:40 pm 1st Performance

6:40 pm – 6:50 pm Welcome / Opening Remarks

6:50 pm – 7:05 pm Sponsor Presentations

7:05 pm – 7:30 pm Keynote Speaker

Ms. Jacqueline Patterson, Vice President and Co-Founder of Zephyr UAS, Inc

7:30 pm – 7:40 pm 2nd Performance

7:40 pm – 8:05 pm Keynote Speaker

Mr. Wei Koo, President and Founder of WKE, Inc

8:05 pm – 8:15 pm Q&A

8:15 pm – 8:25 pm 3rd Performance and Prizes

8:25 pm – 8:30 pm Closing Remarks



Heritage Hall at Ehlers Event Center
8150 Knott Ave, Buena Park , CA 90620



Registration

Regular:\$60 (by 2/23); \$70 (after 2/23)

Public Agency/Student:\$20 (by 2/23); \$30 (after 2/23)

Children 10-17: free; younger than 10: not recommended

RSVP & Pay Online: Please click [Here](#)



Sponsorship

Platinum - \$500 (including 3-Mins Presentation & 3 registrations)

Gold - \$300 (Including 2-Mins Presentation & 1 registration)

Please contact Mr. Alex Zhu for details:

alex.zhu@dksassociates.com (786) 554-8489

We Are Together To Make Our Communities Better

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Jacqueline L. Patterson, P.E.

Ms. Patterson is Vice President and Co-Founder of Zephyr UAS, Inc. a company that specializes in rail engineering; construction management, and aerial mapping services utilizing unmanned aerial vehicles (drones). She also was President and founder of J.L. Patterson & Associates, a group of progressive technical professionals in Civil, Trackwork, Structures and Environmental Engineering headquartered in Orange, California. She sold her Company in 2015 to a Multinational Firm (Jacobs Engineering). Ms. Patterson has 40 years of professional experience in the rail transit industry. She was a Part-time Lecturer at the University of Southern California (USC) in the Sonny Astani School of Civil Engineering where she taught an Introduction to Railroad Engineering for 5 years. She is currently pursuing a Doctoral Degree in Organizational Change and Leadership at USC.

Jackie's expertise encompasses all aspects of railroad engineering from conceptual design to construction management and contract administration. She practices in light rail, heavy rail, commuter rail and freight rail projects. Her work can be seen on the Los Angeles Metro System, Amtrak, Metrolink Commuter Rail Project and several capital improvements projects for the Class I Railroads, namely Union Pacific Railroad and the BNSF Railway. In addition, Ms. Patterson has conducted numerous constructability reviews for these types of projects.

A native of Nicaragua, Jackie left her war-torn country in 1978 to attend Concordia University in Montreal, Canada. She received both her Bachelor's and Master's Degrees in Civil Engineering from Concordia University where she was awarded the school's prestigious Civil Engineering Medal as the highest ranking graduating student in Civil Engineering. This was the first time the honors were bestowed on a woman and a Hispanic.

Beginning her career by providing engineering design services on LACMTA's Metro Red Line, Segment I, Ms. Patterson went on to form her own company in 1990. From 1990 to 2015, her company provided key services for Metro Rail Projects, Commuter Rail Projects and Class I Railroad Projects.

Jackie's mission to set new standards for technical excellence, diversity and ethical professionalism has been recognized by the Society of Hispanic Professional Engineers, and the American Society of Civil Engineers where she served on the Transportation Group Board as Chairman. She is also a member of the American Railway Engineering Association where she serves on two Committees: No. 24-Education and No. 11-High Speed Rail, Women's Transportation Seminar where she held several board positions from Treasurer to Fundraising Chair to Director-at-Large, WTS (this organization recognized J.L. Patterson & Associates with the Rosa Parks Diversity Award in 2010.)

When Jackie is off work, she enjoys gourmet cooking, and running. In March 2011 she completed her second Los Angeles Marathon placing in the top 46% of her division. Altogether, she has participated in 2 marathons, 7 half-marathons and countless 5K and 10K races. In addition, since both of her children (Kyle, age 36-B.S. & MS Civil Engineering, and Janelle, -B. S. Civil Engineering - age 34-) graduated from the University of Southern California (USC), she enjoys spending time with them on Football weekends. "Ultimately, everything I do is to facilitate a better future for my children and now two grandchildren. They are the center of my life."

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Wei Koo, P.E., S.E.



Mr. Wei Koo is a veteran bridge engineer and manager with over 40 years of bridge design experience. He is also the Founder and President of WKE, Inc. Wei has built his career with a strong work ethic and commitment to developing transportation projects that exceed the goals and objectives of his clients. He is a recognized expert in the transportation industry for the quality of his projects and has extensive design and construction experience on both conventional structures and special design projects. He was awarded as the 2018 Outstanding Civil Engineer in the Private Sector by the Orange County Branch of the American Society of Civil Engineers (ASCE).

Wei obtained his B.S. and M.S. degree in Civil Engineering from California State University at Long Beach. He started his career in 1978 as a civil and structure engineer at Jack G. Raub & Companies (JGR), responsible for structural engineering and design of bridge, dam and water and wastewater treatment projects. Four years later, he joined PRC Engineering in Orange County as the structural department manager and continued working on transportation structures in Los Angeles area California and in Phoenix, Arizona.

In 1984, Wei founded W. Koo & Associates (WKA). WKA was a small structural engineering firm in California. In the twenty years, WKA grew from a one-person design office to over 40 professional and support staff. As the managing principal of WKA, he worked on some of the most challenging projects throughout California. Following the Northridge Earthquake in 1994, he led the team on the Santa Monica (I-10) Freeway Reconstruction Project and managed the emergency reconstruction of two significant bridges collapsed on the I-10 Freeway. WKA also consulted Caltrans on the seismic retrofit programs and several major toll bridge projects, e.g., the San Francisco to Oakland Bay Bridge, and the Coronado Bay Bridge. In 2004, WKA merged with Post Buckley Shuh and Jernigan (PBS&J) and Wei was the Senior Vice President of PBS&J and managing principal of transportation division in California from 2004 to 2007. During that period, he served as the structure design manager for Orange County first design build project of SR-22, a \$ 500 million project adding an HOV lane on SR-22.

In 2007, Wei founded WKE, Inc. WKE is a general civil and structural consulting firm based in Orange County. Mr. Koo is responsible for operation, marketing, and project management at WKE and managed the SR-60 and SR-57 Confluence projects through the PA/ED phase. WKE stayed engaged on the SR-57/SR060 Confluence project with LA Metro through final PS&E development. WKE also served the two San Pedro Ports through their on-call programs. WKE also designed several large highway projects in Orange County, notably the I-5 widening through Mission Viejo and the SR-55 project through Santa Ana.

In mid-2021, WKE merged with HDR Engineering, Inc. Wei has served as office leader for HDR's Santa Ana Office, responsible for running day-to-day operations of Santa Ana as an entity of HDR Southern California presence. He has integrated WKE with HDR on project financials, staff utilization and retention, and system integration. Mr. Koo also served as structure lead for the I-15 Express Lane projected for SBCTA and the 241/91 Express Lane Connector Project for TCA in Orange County.

In addition to his technical expertise, Wei is a tireless mentor to many young engineers; committed to helping them advance their careers and lead the future of transportation in southern California.

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