

Panel Session Three | Port Case Studies: How the Port and Project Partners are Reducing Emissions



Panelists



PJ Callahan is a Lead Engineering Consultant at the Center for Transportation and the Environment. At CTE, Mr. Callahan has managed and provided technical analyses for projects across the industry, including battery-electric and fuel cell transit vehicles, Class 8 drayage trucks, and the nation's first full-size automated transit bus. Mr. Callahan has over three years' experience at CTE managing pre-commercial medium and heavy-duty vehicle demonstrations and deployments with a focus on the ports and marine sectors.



Paul Gagnon, Vice President SSAT, began his waterfront career by joining Matson Terminals, Hawaii, in October 1981 as a CEM supervisor. In 1987, he was promoted to Assistant Manager CEM and in 1989 was transferred to Terminal 25 in Seattle as Facilities and Maintenance Manager. While in Seattle, Paul started helping out with vessel stevedoring and in 1993 transferred to Los Angeles as Night General Manager.

While working for Matson, Paul held the positions of Vessel Manger and Yard/Gate Manager. With the formation of SSAT in July of 1999, Paul was promoted to General Manager at Berth 206-209 (Matson).

In December 2002, Paul oversaw the relocation of Matson Lines to Long Beach C-60 and was General Manager at C-60 until 2007.

In May 2007, Paul transferred to SSAT Long Beach, Pier A, as General Manager and coordinated the installation of new STS cranes to handle the increasing volumes.

In 2012, Paul was promoted to Vice President SSAT, with the responsibility over "ship to shore" automation and other freight technology advances.

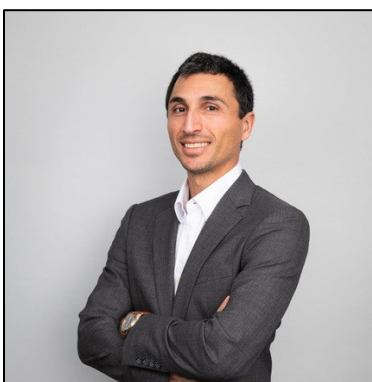
Starting in 2017, Paul has been involved with various OEMs to design and implement cleaner container handling equipment capable of meeting the stringent California Air Quality Policies.



Spencer Pope serves as Product Manager, and Manager of Grant Acquisitions, for Taylor Machine Works, Inc., headquartered in Louisville, Mississippi. The Taylor portfolio features over 125 heavy industrial material handling equipment models, including Container Handlers, Reach Stackers, and many other Port specific machines. His tenure as Product Manager has spanned the development of many new products for the Port Operations Industry, including ZERO emissions battery electric and hydrogen powered Container Handlers, battery electric heavy Forklifts, and negative lift Reach Stackers purpose-built to serve inland waterway barge applications.

Working to educate Taylor's industrial customer base on new material handling technologies and air quality advancements is a responsibility that Spencer is passionate about. He works at the State and Federal levels to drive policy and encourage alternate sources of funding for these new technologies.

Spencer also serves as Co-Chairman of the National Association of Waterfront Employers' "Environment, Energy, and Equipment (E3C) Committee". In that role, he serves as voice of the American Manufacturers who play key roles in supporting our nation's ports, waterways, and surrounding communities. Taylor Machine Works was instrumental in the development of dedicated container handling equipment almost 50 years ago and continues to innovate and meet the Port Industries' material handling challenges today.



Salim Youssefzadeh is CEO and co-founder of WattEV and has a mission to speed up the transition of US trucking transport into zero emission faster than anyone could expect. WattEV uses a combination of business and technology innovation to create infrastructure and data driven workflow that provides truckers and fleet operators the lowest total cost of ownership. Youssefzadeh graduated from UCLA in 2011 with a BS in Electrical Engineering with emphasis on Computer Science and a BS in Applied Mathematics and graduated Cal Poly San Luis Obispo in 2014 with a MS in Electrical Engineering and an MBA.

Moderator



Dr. Matt Miyasato is the Chief Public Policy Officer for FirstElement Fuel and leads the government affairs activities, identifying strategic policy and technology opportunities for the company. In this role, Dr. Miyasato is helping to implement the aggressive state hydrogen and fuel cell policies as well as expand FirstElement Fuel's presence into other regions.

Prior to joining FirstElement Fuel, Dr. Miyasato served as the Chief Technologist at the South Coast Air Quality Management District, the largest local air district in the United States. In that capacity, Dr. Miyasato led the research, development, demonstration and deployment program and initiated many large programs for early hydrogen refueling and zero-emission vehicles. He also led the Incentives Programs, which enabled the turnover of thousands of older, dirty vehicles annually. Dr. Miyasato served as the District's representative on the EPA's Mobile Source Technical Review Subcommittee, the Hydrogen Fuel Cell Partnership, the California Stationary Fuel Cell Collaborative, Veloz, the Natural Gas Vehicle Partnership, the Ports Supply Chain Technical Working Group, CalStart, as well as many other ad hoc advisory groups.

Dr. Miyasato earned his Bachelors, Masters and Ph.D. from UC Irvine in Mechanical Engineering. He also previously worked at Southern California Edison, UC Irvine, and General Electric.