



ASEAN-U.S. Electric Vehicle Workshop on Technical Standards

January 19-20, 2023, 8:30-11:00 AM (ICT) | January 18-19, 2023, 8:30-11:00 PM (EST)

Presenters' Biographies and Qualifications

January 19-20, 2023 (ICT)
January 18-19, 2023 (EST)



President

**Asian Federation of
Electric Vehicle
Association (AFEVA)**

Edmund Abengana Araga

EDMUND A. ARAGA is the founding member of AFEVA Asian Federation of Electric Vehicles Association, Inc. to ASEAN countries such as Thailand, Malaysia and Singapore by encouraging and inviting member countries to attend and participate the 1st ASEAN electric vehicle and hybrid Summit held at the World Trade Center Manila Philippines June 28-29, 2017, which brings together under one roof EVAP members and their foreign counterparts for B2B meetings. Most foreign alliances and joint ventures were forged during these Summits and is currently the president of the Electric Vehicles Association of the Philippines (EVAP), the official organization of some 55 major players in the EV industry in the Philippines.

As EVAP President, he represented the EV industry in the Senate hearings on the re: “An Act Providing the National Energy Policy and Regulatory Framework for the Use of Electric Vehicles, and the Establishment of Electric Charging Stations.” He is also advocating at both Congress and Senate for the passage of the Electric Vehicle and Hybrids Incentives Bill that will grant fiscal and fiscal incentives for both manufacturers and users of EVs and hybrids.



**Principal Engineer,
Energy Storage &
E-mobility**

UL Solutions

Joe Bablo

- Principal Engineering Manager, Energy Storage and E mobility.
- Principal engineer, Automotive Equipment and Associated Technologies.
- Responsible for technical standards development for electric vehicle (EV) charging, including EV supply equipment, EV chargers and EV couplers.
- Serve as a technical representative for all UL charging related standards, as well as all IEC committees for EV charging.
- Serve as Code Making Panel 12 Chairperson for the National Electrical Code.
- Distinguished Member of Technical Staff, W.H. Merrill Society, with 27 years at UL Solutions.



Theodore Bohn

Mr. Bohn is with the Center for Transportation Research at Argonne National Laboratory, which is near Chicago IL. He is a principal electrical engineer in the EV-Smart Grid Interoperability Center, identifying and validating interoperability issues related to PEV charging systems. He actively serves on SAE, IEEE, and EV charging standards committees, including safety standards. His current area of focus is on high power (megawatt level) multi-port charging systems with integrated storage and active load management for DC distribution topologies. He leads US National working group for Weights and Measures related to commercial dispensing of electricity as a fuel. Mr. Bohn received his BS and MS degree in electrical engineering at the University of Wisconsin- Madison. He holds an adjunct faculty position at University of Wisconsin-Madison where he has developed and delivered EV charging safety related education and training materials.

**Principal Electrical
Engineer, Center
for Transportation
Research**

**Argonne National
Laboratory**



**Transport Planner,
Transport Policy
Agency**

**Ministry of
Transportation of
Indonesia**

Estiara Ellizar

Estiara Ellizar is a Transport Planner at the Transport Policy Agency, Ministry of Transportation, Indonesia. She is certified as a young road safety expert based in Jakarta. She was awarded as an Agent of Change 2022 by the Transport Policy Agency, Ministry of Transport, and named the first youth ever from the organization to receive the award. She has a Master's in Transportation Engineering from the Bandung Institute of Technology and currently sits as a Youth Leadership Board member at the Global Youth Coalition for Road Safety. In 2022, Estiara was invited by the President of the 76th United Nations General Assembly to speak at the UN High-Level Meeting on Road Safety, representing youth voices to address meaningful youth participation in accelerating the Global Plan on Road Safety. Currently, she is joining as a Fellow at the Global Road Safety Leadership Course: Alumni Fellowship Program until mid-2023.



Stefanie Goodwin

Stefanie Goodwin is a Transportation Specialist at NHTSA's International Harmonization & Policy Division. Stefanie's background is in Mechanical Engineering and she advises on technical and policy issues related to electric vehicles.

**Transportation
Specialist,
International
Harmonization &
Policy Division**

**National Highway
Traffic Safety
Administration
(NHTSA)**



William Gouse

Bill's role at SAE is international government & industry technical/regulatory affairs for Global Ground Vehicle Standards. He is a mechanical engineer and has domestic and international experience in truck, bus, and automobile advanced technology, certification/compliance/homologation, standards, regulations, and transportation policy. He is the US chair of the International Standards Organization (ISO) Technical Committee (TC) 22 – Road Vehicles, the North American representative to the ISO Automated Driving Coordination Group and US representative to the ISO TC 22 Strategic Advisory Group. He leads SAE delegation to the United Nations Economic and Social Council efforts regarding road safety, sustainability, and vehicle regulations.

**Global Ground
Vehicle Standards**

SAE International



Executive Director

**National Electrical
Manufacturers
Association
(NEMA)**

Steve Griffith, PMP

Steve Griffith is an Executive Director for NEMA's Transportation Systems Division. He manages sections within this division in such areas as Intelligent Transportation Systems (ITS), Electric Vehicle Supply Equipment, Rail Electrification, Automotive Components, and Imaging & Communications. He is also the principle NEMA staff liaison for NEMA's Cybersecurity activities, leading and defining common approaches to standardization, guidelines, and architecture development while enabling connectivity, defining, and simplifying interoperability, and safeguarding privacy and cybersecurity in electrotechnical and medical imaging products.

Steve has over 20 years' experience in program/project management including a Project Management Professional (PMP) Certification. Before joining NEMA he managed projects for various Department of Defense facilities, and the Transportation Security Administration



Consultant

**American
Automotive Policy
Council (AAPC)**

Dermot Heron

Dermot started his career in Vehicle Safety and Regulations at the South African Bureau of Standards (SABS). He was responsible for the commissioning of the safety facility testing for both local SABS and UNECE regulations.

He later joined Volkswagen of South Africa in their Legal & Safety Department where he had responsibility for the homologation of all locally built Volkswagen and Audi products.

Dermot then took up a position with Delta Motor Corporation, a GM licensee, as head of their Legal & Safety Department. During his time here he chaired the industry Association, NAAMSA, Technical Committee, and attended a number of WP29 and GE working groups at the United Nations.

Dermot moved to Melbourne, Australia in 2000 to take up the position of Specialist Vehicle Certification and Regulations with GM Holden.

In 2014 Dermot was promoted to Director of Regulatory development with General Motors International Group (GMI). GMI had responsibility for all of Africa, Middle East, India, Asia Pacific and Oceania. Dermot presented and advised on the application of regulations to Industry, NGOs and Government regulators.

Currently Dermot is part of the GlobalAutoRegs team and is a consultant to the American Auto Policy Council.



**Deputy Director for
Urban Transport
Policy, Center of Traffic
& Urban Transport
Policy at
Transportation Policy
Agency**

**Ministry of
Transportation of
Indonesia**

Bram Hertasning

Bram Hertasning is Deputy Director for Urban Transport Policy, Center of Traffic & Urban Transport Policy at Transportation Policy Agency, Ministry of Transport, Indonesia. He has Master's in Transport Management and Master of Logistics Management from the University of Sydney, Australia. Bram also has a professional degree as an ASEAN Eng. in Railways transportation. Before joining the Transport Policy Agency, he served as Head of Sub-Directorate for Infrastructure Integration Transportation at Jabodetabek Transportation Management Agency and Head Class 1 Railway Engineering Center Central Java Region at Directorate General Railway. Currently, he is joining Department Head of Industry, Intelligent Transport System (ITS) Indonesia, Training and Competence Development and Sustainability Division, Railways Engineer Board, Indonesian Engineer Association, Indonesian Transport Society (MTI) for DKI Jakarta Chapter, and Indonesian Railways Society (MASKA). Bram can be contacted through www.bramhertasning.com & gmail@bramhertasning.com.



**Senior Officer,
Transport Division**

ASEAN Secretariat

Beny Irzanto

Beny Irzanto is a Senior Officer at Transport Division, ASEAN Secretariat. He currently facilitates ASEAN cooperation on Land Transport, Transport Facilitation and Sustainable Transport.

He has joined ASEAN Secretariat since 2005 and during his tenure, he was also involved in the area of Priority Integration Sectors and Competition Policy. Prior to joining ASEAN Secretariat, he worked in several private sector companies in the area of supply chain management and enterprise resources planning.

He completed his Bachelor's Degree in Industrial Engineering in 1996 from Bandung Institute of Technology and Master's Degree in International Management in 2002 from Germany.



**Senior Director,
Standards
Facilitation**

**American National
Standards Institute
(ANSI)**

Jim McCabe

Jim McCabe serves as Senior Director, standards facilitation, at the American National Standards Institute (ANSI), where he directs standards coordination activities for emerging technologies. Recent projects include:

- Partnering with America Makes and the community to update a standardization roadmap for additive manufacturing (3D printing)
- Developing a roadmap of codes and standards for electric vehicles at scale
- Organizing workshops on behalf of the U.S. Department of Defense on global supply chain security for microelectronics standardization
- Organizing meetings on standardization and the commercial space industry
- Spearheading the development of a standardization roadmap for unmanned aircraft systems (drones) to facilitate their safe integration into the U.S. national airspace

A member of the ANSI staff since 1995, Mr. McCabe has been recognized by America Makes with its Distinguished Collaborator Award, and by SES, the Society of Standards Professionals, with its Honorary Life Member award.



Andy Parris

Andy Parris is a Senior International Trade Specialist with the U.S. Department of Commerce's International Trade Administration where he follows the automotive industry in the Office of Transportation and Machinery. Andy works to identify and track major industry trends and developments, and works with industry and policy-makers to address industry level challenges and opportunities. In addition to regional responsibilities, he covers regulations, standards and conformity assessment issues, advanced technology generally including automation, alternative fuel and fuel-economy related technologies, as well as other technical issues affecting automotive trade for the Department.

**Senior International
Trade Specialist**

**International Trade
Administration,
U.S. Department of
Commerce**



Heri Prabowo

**Head of Safety
Management
Directorate of Road
Transport Means**

**Ministry of
Transportation of
Indonesia**



Energy Economist

**Economic
Research Institute
for ASEAN and
East Asia (ERIA)**

Alloysius Joko Purwanto

Dr Alloysius Joko Purwanto obtained his doctorate degree in economic sciences from Université Lyon II in France. Afterwards, he joined the European Commission's Joint Research Centre in Seville, Spain for three years as researcher and then Transport & Mobility Leuven in Belgium for almost ten years as senior researcher. During that period, he has worked in various European Commission research projects in energy and transport economics focusing on policy impact assessment using modelling.

- Mid and long-term energy outlook
- Cost-benefit and wider economic impact analysis of energy and transport policies
- Energy market competition
- Climate change mitigation
- Market penetration of new or alternative fuel or vehicle propulsion technology
- Transport demand modelling



**Chief Technology
Officer**

**Malaysia
Automotive,
Robotics and IoT
Institute (MARii)**

Mohd Sharulnizam Bin Sarip

Technologist Mohd Sharulnizam Bin Sarip is working as a Chief Technology Officer at Malaysia Automotive, Robotics and Internet of Things Institute (MARii) with experience in Automotive Sector especially in the area of Vehicle Construction, Standards/Regulations, Testing, Road Vehicle Acts and Policy.

He acquired his Master degree of Engineering from University Putra Malaysia, Bachelor Degree in Electrical, Electronics and System Engineering from Saitama University Japan and Certificate of Excellence in Data Science and Analytics from University of California, Berkeley, United States of America.

He is specializing in the area of Vehicle Construction, Standards/Regulations, Testing, Road Vehicle Acts and Policy especially Malaysia National Automotive Policy (NAP).

He is also in charge for the development of Malaysia National Emission Testing Centre (NETC) and Centre of Excellence for Future Industry (CoEFI).



**Principal Engineer,
Energy & Industrial
Automation**

UL Solutions

LaTanya Schwalb

LaTanya Schwalb has over 20 years of experience in product safety certification with the last 9 years focused on portable, motive, and stationary batteries for consumer, commercial, and industrial/e-motive applications. She has served as a Lead Auditor for UL's Client Test Data Program (CTDP) and a technical auditor/assessor for this program as well as the Client Test Facility (CTF) program.

Her current role at UL Solutions is Principal Engineer for energy storage systems, motive and stationary battery systems, fuel cells, and hydrogen generators. She represents UL on a variety of UL standards technical panels including 1973/1989, 9540/9540A as well as other industry standards and battery committees across ANSI, SAE, IEC, CSA, and NFPA.

LaTanya is responsible for the UL certification categories related to these battery, energy storage, and fuel cell standards and standards development and revisions. She represents UL at public battery and energy storage related seminars and events on the topics of electrical and fire safety requirements. LaTanya studied at Northwestern University and has a Bachelor's of Science degree in Electrical Engineering



**Country Manager,
Indo-Pacific**

**U.S. Trade and
Development
Agency
(USTDA)**

Kevin Toohers

Kevin Toohers is a Country Manager for the Indo-Pacific Region at the U.S. Trade and Development Agency (USTDA). In this role, he is responsible for business development, project preparation and evaluation, and supervision of USTDA's activities in the Indo-Pacific, with a particular focus on the railway, ports, and surface transportation sectors. He is a member of USTDA's Transportation Sector Team and leads the Surface Transportation sub-sector team.

Before joining as a Country Manager, Mr. Toohers was a Research Analyst for the East Asia and Indo-Pacific teams at the Agency. Prior to USTDA, he worked on the Global Markets team at GE Capital, where he supported the execution of capital-intensive energy and infrastructure transactions in emerging markets. He also spent time in the New York office of Weber Shandwick, a global public affairs firm, and on Capitol Hill in the Office of Majority Leader Eric Cantor.

Mr. Toohers holds a B.A. in Government from Georgetown University. He speaks Spanish and Mandarin Chinese.