

PSMA Transportation Electrification Committee Meeting

Attendance for 10/18/22 PSMA Committee Meeting

- 1) **Fred Weber**
- 2) **Fernando Salcedo**
- 3) **Dinesh Kithany**
- 4) Thomas Foulkes
- 5) **Chris Whaling**
- 6) Stephen Kosowski
- 7) Lincoln Xue
- 8) Matthias Preindl
- 9) **Michael Willis**
- 10) Philip Krein
- 11) **Joe Horzepa**
- 12) **John Horzepa**
- 13) Gyan Dutt
- 14) Renee Yawger
- 15) Shajjad Chowdhury (ORNL)

Upcoming Meetings

- November 14, at 11 AM CT

Committee Co-Chairs

Fernando Salcedo, and Dinesh Kithany have both volunteered to join Thomas Foulkes and Fred Weber to serve as co-Chairs for the Transportation Electronics Committee. With APEC coming up we need strong leadership in order continue to offer the quality sessions that the Transportation Electronics Committee is known for. The additional chairs will give the committee the necessary depth within the leadership position. To that end, **The Transportation Committee has accepted Fernando and Dinesh, through email, as Transportation Electronics Committee Co-Chairs. The board will vote on this at the October meeting.**

Electrification Workshop Summary

- There was almost 10 hours of content with an additional hour of Q&A with Roundtable discussion

What to do with Workshop Recording:

- Sell entire workshop registration and promote on social media - \$199.00 non-member - \$99.00 member.
 - Link to future content from Transportation Committee
 - How do we handle new Q&A – find interest and possibly create a new Webinar offering
 - Discount percentage for membership (original price) – 42%
 - Get Speakers to promote
- After 6 months – past APEC / use for PTR

- NEED TO PROMOTE on the Website (Lisa to work with Webmaster)– Fred to generate promotional flyer.
- Use for PTR / Extract the presentations for electrification trends and development activities are occurring.

Industry Session

- Here is our current Industry Session Theme – Requesting your input on the following:

“With New Government Focus on Electrification, What Needs to Happen, What Is in The Near Future?”

Possible Subjects –

- 1) **What are the gaps in the charging infrastructure – (Chris to get approval – working w/Fernando)**
 - 2) **Bi-Directional Charging Topologies – Best ways to get power on and off the grid – Matthias Preindl**
 - 3) **Gaps between Technology, and Policy makers – Michael Willis to find speaker**
 - 4) **Uni-Directional or Bi-Directional Charging, what is the future – what Countries/States Can do What – Dinesh finding a speaker**
 - 5) How ready are the utility Companies for Bi-Directional Charging – Matthias may have so contacts
 - 6) Low Power ubiquitous charging – availability, efficiency, expanding availability – Dr. Krein
 - 7) **Key component advancements in Traction Inverter Technology – Lincoln Xue**
 - 8) AC vs DC Charging what is the best direction... - Davide looking for speaker
 - 9) **Tier 1 perspective of Charging direction – ABB / Dinesh reaching out, also Delta / Fernando reaching out, Vitesco**
 - 10) Standardizing Ports – Dinesh looking for speaker / DOE, Utilities
 - 11) **Recycling – Second Life for Batteries – Chris to track down / might be too big an issue – offer a full IS for 2024**
 - 12) Solid State Batteries – long way off / tech needs to be advanced – Japanese seem to be leading the charge
- Given the awesome topics we had in the Workshop we can definitely recycle several of these topics with updated data for our IS.
 - Reach out to Steve at KIA to get him to join the committee.
 - We also need **PTR subjects**. We can cherry pick from the Workshop, but I would expect that there are other great subjects and presenters that would ideal for the PTR.
 - Plan Transportation Webinars in general