

PSMA Energy Management Committee Meeting Minutes

@ Tue February 9, 2021 10am-11am (Central) via Zoom conference

Attendees:

Ed Herbert, John Horzepa, Ada Cheng, Patrick Le Fèvre, Mike Hayes, Eric Schneider, and David Chen

Agenda:

1. APEC 2021 Industry Session (Ed/Eric): **IS08 (Energy Storage) – June 10, 08:30-10:10, Lecture, Room 1**
 - a. Planning for in-person event on June 9-12, 2021 in Phoenix, AZ (with flexibility to go virtual)
 - i. Submissions timeline -
March 26, 2021: Final presentations and author registrations are due
 - ii. Presentation format – deck (by March) + recording (by April)
 - iii. Ed preparing draft of invitation and speaker instructions
 - b. Topics on energy storage (to fill seven slots) – **joint meeting with capacitor and EM committees on Feb. 16 10AM CST to finalize**
 - i. Energy storage for IoT (speaker – Denis Pasero, Ilika)
 - ii. Supercapacitor-assisted (SCA) techniques (speaker – Nihal Kularatna, Univ. of Waikato)
 - iii. Battery applications, effective battery design (speaker – Peter Victor, Fedco Batteries)
 - iv. Naval applications – best practices (speaker – Crystal Yannarella, L3Harris) – *reviewing relevance vs. confidentiality... - focus on safety approach? **Ada to check***
 - v. Hydrogen overview in Europe (speaker - Patrick Le Fèvre, PowerBox)
 - vi. Megatrends in energy storage (speaker – Peter Wasmuth, Polarium, formerly InCell)
 - vii. Battery management systems, cell balancing, thermal management (speaker – Victor Boyadzhyan, Arseco Laboratories) – **Eric to re-confirm**
 - viii. ~~GaN HEMTs for mobile phone chargers (speaker – Gerald Deboy, Infineon)~~ → Fast charging?
2. EPSMA – engagement updates (Patrick/Mike)
 - a. Mike presented PSMA high-level overview at EPSMA general meeting on Feb. 5 + Q&A
 - i. Joint interest in collaborative webinars, education sessions, etc.
 - ii. Setting standards for quality and reliability (e.g. CENELEC)
 - b. Next: more targeted, technical meetings...
3. Other
 - a. Automotive electronics workshop/webinar
 - i. Organized by Fred Weber
 - ii. Reposition Infineon talk from GaN for mobile phone chargers to SiC EV chargers (Ada)?

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