

Minutes of PSMA Semiconductor Meeting, September 30, 10am Central, Agenda for October meeting (scheduled for Wednesday October 28,10am (CST))

Attendees: Tim McDonald, Tirtha Sarkar, Reenu Garg, Ritu Sodhi, Dan Kinzer, Stephanie Watts Butler, John Horzepa, Heather Ailara, Jaume Roig, Renee Yawger

1. Industry sessions: Four sessions planned. See abstracts attached. Committee Members on broad copy: Please refer questions or edits or requests to speak at a session to the individual chairs as listed below (and as cc'd on the email addresses).
  - a. WBG and other high performance Switches - 7 speaker slot. Reenu to co chair. Tirtha will co chair. Reviewed proposal. Tirtha will submit it on the APEC system.
  - b. WBG Systems and Integration - 7 speaker slot. Jaume and Stephanie to co chair. Abstract received and reviewed. Stephanie will submit it on the APEC system.
  - c. WBG Reliability – 4 or 7 speakers. Phillip Zuk and Tim McDonald to co chair. Tim to finalize proposal and post on APEC system.
  - d. WBG Use cases - 4 speakers. Primit to co chair. Need second co-chair. Reviewed the proposal. Heather to work with Primit and post in on the APEC system.
  - e. Tim will recruit a missing co chair for the session described in “d.” above.
2. Webinars
  - a. TI is interested in Dec' 20 or Jan' 21 (Stephanie Watt Butler will follow and advise). Status unchanged.
  - b. Navitas (Stephen Oliver would like to present in Nov' 20). Status unchanged. Dhaval Dalal to follow up with Steve Oliver to firm up schedule
  - c. Ritu checked with Empower: no interest for now but she will continue to check in .
  - d. EPC is interested for Nov' 20 (Renee Yawger). Still good. Dhaval Dalal to contact Renee and schedule it.
  - e. Tim will follow through on GeneSiC and Wolfspeed (reached out to both)
  - f. Tirtha/ On Semi “Artificial Intelligence in Power Electronics” , possible for October
3. Roadmap – We will not produce a full PSMA Roadmap in 2021; the board approved a change so the next version will publish in 2022. We discussed this briefly and we will spend time populating the roadmap contributions starting at the October meeting.
4. Will add a new topic for agenda over next months: Tutorial (longer length) , paid session on semiconductors, use, benefits, applications, etc.
5. The committee reviewed draft presentation material for the Semiconductor Committee annual report for presentation at the planning meeting on October 20.

Next Meeting: Wednesday, October 28, 10am Central

Agenda for October 28 meeting:

1. Recruiting our 4 APEC 2021 sessions: identify and recruit possible speakers for each of our 4 sessions. Note to all committee members: please contact individual session chairs listed above if you have an interesting topic which fits the session abstract.
2. PTR contributors: review the spreadsheet and recruit contributors for each roadmap section.
3. Brainstorm on composition of a paid on line tutorial (For example one initial idea: focus on high frequency use of WBG devices with expert topic talks from Semi, Capacitor, Magnetics committees plus SMPS supplier who are in production with WBG devices).