



## MEETING NOTES

### TC1 EMC Management Meeting – 2023 EMC-SIPI Symposium Friday April 07, 2023, 10:30 a.m. CST (UTC-6)



**Attendees:** Tom Braxton, Daniel D Hoolihan, Keith Armstrong, Randy Jost, David Staggs, Henry Robert Hofmann , Domenico Festa, Kimball Williams, Ujjwal Sharma, Balaji V Gollapalli

## MEETING NOTES

- 2023 EMC+SIPI Symposium (<https://emc2023.org/>)
  - Registrations have opened a few weeks ago for the conference.
  - TC1 has submitted 4 papers out of which 1 got accepted.
  - The schedules and acceptances for workshops are not announced yet. Awaiting such information from the symposium organizers.
  - Dan Hoolihan submitted the C63 workshop which is a one and half day event before the start of the symposium.
  - Workshop/Trainings
    - Standards workshop
    - Ham radio training & workshop
      - As mentioned before, there has been no update from symposium organizers on whether this workshop is accepted or not. However, given the push back from the organizers it seems unlikely to receive acceptance.
    - Prototype Boards workshop
      - Randy Jost/Louann Mlekodaj/Jerry Meyerhoff are planning to leverage a good number of Test and measurement equipment to deliver the workshop contents of this workshop. Make it as interactive and experiential learning exercise as possible.
    - Soft skills Training/workshop – Kimball Williams
      - As mentioned before there has been no update from symposium organizers on whether the submissions for this workshop are accepted or not.
      - Randy Jost has developed a writing skills presentation material which has strong potential to be leveraged in future IEEE EMC teaching/training opportunities.
      - It was agreed that soft skills are essential to explain complex EMC concepts to people from different backgrounds and experiences.
- iNARTE accreditation status - Tom Braxton
  - Update on IEEE board member meeting in April
    - An In-Person board meeting is planned for next week (week of 10<sup>th</sup> April 2023). Tom Braxton is attending the meeting.
    - The committee is keen on influencing the board members gently to help arrive at a decision regarding the recommendations made by TC1.
  - Update on responses to request for Information (RFI)
    - The committee has received 3 responses for the RFIs sent out to become the administrative partner in executing the EMC engineer accreditation.
    - The responses are yet to be reviewed, analyzed to decide on suitable partner.
- EMC Mid-career training
  - Prototype Boards
    - First spin of boards is complete. The team is currently collecting data and developing a report compiling list of experiments that can be executed using the boards. Further the team is looking to add additional functionalities to the boards.

- The team intends to perform a live demonstration during the 2023 Symposium. The presentations and handouts in preparation to that live demonstration are currently under development.
  - India IEEE Organization tool
    - India IEEE organization responded to the RFIs sent.
    - Randy Jost – is currently making good progress on analyzing, reviewing and responding to the RFIs which include the response from India IEEE organization.
    - Regardless of the current RFI, it appears that the tool developed by this team has a strong potential to become a suitable training avenue for future opportunities.
  - IEEE EMC website update with available courses and trainings
    - There's no update on this front yet.
    - **ACTION:** Tom Braxton to work with the concerned team to identify right person to accomplish this task.
- Follow-up on new training ideas
  - Global University - Online/Hybrid Format
    - There's been no action and no new information from the symposium organizers about change in the format.
    - Although having an online/hybrid presence makes attractive, from previous experiences, costs Vs attendance ratio may make the online/hybrid format unattractive.
    - **ACTION:** Mark Stefka: To find out whether these sessions are recorded and made available to the EMC society members later.
  - Leadership and management skills for mid-career EMC engineers
    - This aspect is potentially a part of soft skills training. As touched upon before, a good number of presentations are currently under development to cover networking, speaking, presentation skills etc.,
- TC1 support for the ELISE program
  - EM Resilience
  - Participation during EMC symposium
    - No prominent update on this program.
    - Tom Braxton alluded to a potential uncertainty around securing funding for this program
- 1848 for Railways standard development update
  - Update on railway PAR
  - Update on 1848- MSSV (Machinery Sector Specific Version) Study Group
    - This version of this the IEEE 1848 study group is progressing very well. This activity is lead by Doug Nix.
  - Any Other updates
    - Keith Armstrong has submitted the medical Version of IEEE 1848 standard as the IEC 61000 series.
    - The submission has currently received 81% of the voting.
    - This is developed by SC62 - MT 23 Technical Committee
- Other Topics
- Review of action items

Action Items:

Owner	Action Item	Status
Kimball Williams	Recruit amateur radio volunteers for EMCS 2023 in Grand Rapids	Ongoing
Randy Jost	Develop outline for mid-career training TC1 to coordinate with EdComm	Open- awaiting acceptance of previous proposals
Sarah Seguin Tom Braxton	TC1 to contact GU team to look at updates and expanding and updating GU topics	Open
Tom Braxton	Bring question to BoD on dual track	Add a virtual component to Symposium; request BoD to poll members of EMCS.  Open
Kimball Williams	Ask Keith Frazier from Ford about speaking on testing variability	Open
Tom Braxton	Work with Janet to publish available EMC courses/tutorials in EMC website cleared by TC1. As part of TC1's Mid-career training item.	Open
Tom Braxton	Ask Janet to update the website with the details about the newly elected VPs and other members	Open
Kimball Williams & Randy Jost	Develop the idea about soft skills/team building and send to Tom. This could potentially be valuable to a newly appointed manager who needs to make a cohesive team with the people assigned to him/her	Open – In progress
Tom Braxton	To receive a copy of spread sheet with dates, paper submissions and Technical Committees involved for 2023 Symposium.	Open – In progress
Karen Burnham	To check about the standards relevant to ham radio operators.	Open
Louann Mlekodaj	proto board development	In-Process
Tom Braxton & Kimball Williams	Work on angel support.	Open
Tom Braxton	Tom Braxton to work with the concerned team to identify right person to update EMC website with available courses and trainings	Open
Mark Stefka/ Tom Braxton	To find out whether these sessions are recorded and made available to the EMC society members later	Open

Closed Action Items:

Owner	Action Item	Status
Dom	To share the new EU directive about no uncertainty to share it with the TC1 members	Closed
<del>Doug Kramer</del> Tom Braxton	Talk to Rachel Norrod regarding Podcast and EMC Society promotion	Closed
Tom Braxton	To talk to Vignesh about IEEE withdrawal from iNARTE MoU and ask for a public announcement about it.	Closed
Tom Braxton	TC1 to review existing letters and draft a letter for engineers to use to get approval for attendance	Closed
Tom Braxton	To talk to Sarah and John Lasselle to propose that TC1 being a clearing house/directory of the training material available in the public domain. Instead of creating a new training altogether.	Closed
Tom Braxton	To contact Karen Burnham about making a proposal on this topic.	Closed
Tom Braxton	To respond on the PAR submitted by Joe Cosgrave regarding IEEE 1848. Recommend if any changes needed.	Closed
Dan Hoolihan	To contact Janet about an event/workshop, news, and updates on activities on C63.	Closed – <a href="http://www.c63.org">www.c63.org</a> all info pertaining to the C63

- Adjourn