

Agenda with Meeting Notes (slides attached)

- Welcome
 - Lunch and trickling in 12-12:10pm
 - Formal start time 12:10pm
- Introductions (Officers and Membership around the virtual room)
 - 32 in-person, 10 virtual (Webex)
- Officer Election
 - Last one done in 2020
 - Next election in 2022 (today!)
 - Chair
 - Manny Soriano nominates Jen Dimov, John McCloskey seconds
 - Paul Brenmer re-nominates Jim Lukash, Jim accepts
 - Jen pitch campaign: experience, desire to slowly transition from Jim's shoes while he is still active; TAC pressure to have regular turnover and increased involvement to TCs
 - Jim: reaffirm Jen, willing to continue serving
 - Vote
 - **Jen – 23 in-person, 3 virtual**
 - Jim – 11 in-person, 1 virtual
 - Vice-Chair
 - Jen nominates Jim, Pablo Narvaez seconds
 - Karen Burnham nominates Manny, Vignesh Rajamani and Randy Jost second
 - Jim willing to take role for continuity
 - Manny prefers to stay as secretary / unsure of job situation in 1 year
 - Vote
 - **Jim – 25 in-person, 2 virtual**
 - Manny – 7 in-person, 0 virtual
 - Secretary
 - Jen nominates Manny, Manny seconds/accepts
 - **Manny reelected uncontested**
 - Officers-at-Large
 - Jim suggestion: accepts nominations, ask if they accept
 - Existing officers:
 - Katherine Dang accepts
 - Adrian Sun renominated (confirmed off-line)
 - Ed Gonzales renominated (absent, TBC)
 - Pablo accepts
 - Randy accepts
 - Ray Perez accepts
 - Paul Edwards accepts
 - Nika Amralah accepts
 - Bob Scully renominated (absent, TBC)

- New nominations
 - Cheyne Scoby self-nominates, accepted
 - Pablo nominates Stephanie Zajac, she accepts
 - Jim nominates Charles Jullien, he accepts
 - Gabriel Vasquez self-nominates, accepted
 - Nathan Moyer self-nominates, accepted
 - Leonardo Malburg self-nominated, accepted (offline)
- Manny to update officers meeting invite, meetings to be resumed either September or October

****Jen presenting slides from this point****

- Scope of TC8
 - Encouragement to start sub-committees
 - New rule that Elected Officers can no longer paper submissions; we need all TC's involvement and support
- Review of the Charter
 - Commitment to GOLD / Diversity
- Subcommittees
 - None at the moment
 - Charles Jullien's pitch for subcommittee on commercial aircraft power systems
 - Questions / Comments
 - Jim: this is a solicitation for a vice-subcommittee chair and secretary and form (sent to TC8 officers)
 - Randy: are you talking about entire PDM from low to high voltage, or concentration on higher voltage, considerations of connections and impedances as well as the test methods involved → could be a wide scope
 - Daren: also interested, inclusion of batteries, standards considerations/implications, changes in bus architectures, compliance means w.r.t. to changing specifications
 - We will revisit this over the year
- TC8 Activity & News for 2021-2022
 - Pablo: 6 papers for 2023 Big Sky IEEE Aerospace Conference
He is session chair on Aerospace EMC+SIPI
Due date TBC
 - 2022 Big Sky had 2 papers in hybrid conference
 - 2021 Virtual EMC+SIPI – plenty of contributions
 - 2022 Spokane ongoing with plenty planned
 - EdCom
 - Randy has a couple boards built for future experiments and demonstrations; plans to be integrated/published online within the year
 - Standards
 - MIL-STD-461H- and AIAA on 5 year review, review, and republish (or revoke) cycle

- ISO – Pablo
 - Shoutout of Jim’s as founding chair of SC-7 to TC-8
 - Recent working group (virtual) reconvened in June 2022 with update approved on a 5 year cycle
 - Student Outreach
 - Progress delayed from pandemic, but started up again
 - Jim active with multiple schools
 - Call for more participants and outreach
 - Long Range Planning – Future years
 - 2023 Grand Rapids
 - John – talk about testing challenges of JWST
 - Randy – presentations on potential updates to 121B like uncertainty analyses, test tolerances, etc.; do standards help or hurt?
 - 2024 Phoenix
 - 2025 onward TBA
 - Old Business – Proposed New Standard Lightning Test (Fred Heather)
 - ARPs Aircraft Recommended Practices are great, but they are NOT standards/requirements → will be basis for proposed standard
 - We need standard to move from recipe book to something with teeth
 - Shane – there are some charging matters that could also be considered?
 - Fred plans to have bulletin/notice in common area Thursday morning
 - New Business
 - None (skipped)
 - Closing Remarks
 - **The Future of TC8 & EMC Society – How to best serve members?**
 - **Please send us your feedback!!**
 - Jim’s shoutout of Jen and our new leadership and direction; will make himself availability to help the committee and our members
 - Gratitude for TC over the years!
 - Will introduce Jen as chair at Friday TAC
 - Adjourn
 - Stephanie opens motion, Pablo seconds
 - Adjourned 1:06pm

Attendance

Virtual

Name	Affiliation
Nathan Moyer	Mica Mountain Engineering
David Brumbaugh	Consultant
William Price	Blue Origin
Vipul Patel	GM
Nika Amralah	AP Americas

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Paul Edwards	KSC
Kin Sze	QETE / National Defence
Katherine Dang	JPL
Caroline Chan	Lockheed Martin
Adrian Sun	Aerospace Corporation

In-Person

Name	Affiliation
Stu Benner	EMConsulting
Jim Lukash	Lockheed Martin
Stephanie Zajac	JPL
Pablo Narvaez	JPL
Fred Heather	USN
Charles Jullien	Safran Electrical and Power
Fin O'Connor	Huntington Ingalls/NAVAIR
Jim West	Oklahoma State University
Mike Johnson	USAF
Karen Burnham	EMA
Megan Avery	Maxar
Travis Rhodes	NASA JSC
Cheyne Scoby	Rivian/Consultant
Jen Dimov	NASA Goddard
Randy J Jost	Utah State University
Thomas Fagan	Aerospace Corp
Manny Soriano	JPL
John LaSalle	Northrop Grumman
Shannon Sumpter	Northrop Grumman
Nick Orphanos	Chomerics
Kevin August	Lockheed Martin
Sean Joyce	Lockheed Martin
Flynn Lawrence	Lockheed Martin
Luke Conover	Lockheed Martin
Alan Leite	NASA KSC
Gabriel Vasquez Ramos	NASA LSP
Sarah Seguin	Aerospace Corporation
Vignesh Rajamani	Exponent
Jamal Shafii	Self
Daren Nerad	Wisk Aero
Nate Roberts	NASA JSC
Kaushani Dasgupta	NASA JSC
Chuck Roberts	NASA JSC