

## Meeting minutes NJCoast ExCom September 16, 2021

Attendees: Irfan Lateef, Chair of the Section; Filomena Citarella, Treasurer of the Section; John Deltuvia, Secretary of the Section; Prasad Atluri, Chair, COM19; TK Srinivas, Chair, IM09/C16; Kit August, Chair, SIGHT; Thomas Willis, Vice Chair, SIGHT; Russ Frazer.

At 610 PM, Irfan declared the meeting open. A quorum was not present; Raghu, who had asked for an agenda item explaining why a quorum was needed, was not present. John stated it for the record that under the MGA operations manual, section 9, sub section d, paragraph 4, a quorum of the ExCom is required for administrative meetings. A majority of the voting members of the section shall constitute a quorum. And that's it – that's what the meeting is about. Filomena asked if that meant that if there was no quorum, we shouldn't have a meeting at all, and John responded that it says "administrative meeting", so his interpretation is that we can discuss things, but no resolutions may be passed. Kit said she had been informed that setting up a survey online could achieve a quorum if necessary. John replied that that had been discussed in the Section about a year ago and the problem is that in discussions people sometimes change their minds, so a survey would not be appropriate. Kit responded that she was suggesting a survey after a meeting. Irfan agreed with John's interpretation of paragraph 4. John restated that he wished to address it since Raghu had complained about it in an email.

Kit asked about the calendar problems. John responded he had sent email to Khanh and had not received an answer.

The minutes of the prior meeting were reviewed and approved.

Irfan asked why Russ attends our meetings, and Russ explained that he has been an NJCS member for 33 years, starting when he was at Ft. Monmouth, but involuntarily relocated to the Aberdeen Proving Grounds. He goes back and forth between NJ and MD, but the IEEE address on file is the MD address even though he has a place in NJ as well. Irfan then asked about Russ volunteering with a chapter. Russ said that he was trying to put together an educational trip to Lakehurst on Joint Base MDL. In the past he was connected with outreach to the student branch at Monmouth University. Irfan suggested that he volunteer in aerospace engineering because that chapter is not doing much this year. He mentioned that he wanted to contact two DL's from the IL Institute of Technology, but at the time transportation costs were not available. It was pointed out that virtual talks do not involve transportation costs. Irfan then realized he had this Russell confused with a different Russell.

John then read the submitted chapter reports (appended to the end of these minutes.) There was a call for any other reports. Kit said she had a report, and Irfan said he would like to know which chapters had not met their quota of talks. There was general consensus to add PES as a sponsor to a talk as Frank Feather has been very busy. Irfan said that we need a plan by next meeting for chapters that have not scheduled all necessary talks.

Kit talked about Dr. Lisa Knox from IEEE History Center, who unfortunately passed away on September 9<sup>th</sup>. Kit said that Dr. Knox had been of great assistance in History and other areas. SIGHT has also begun a global workflow for Transparent Design for Wellbeing. Two of the items in

this workflow's purview are Ethics and Artificial Intelligence, and the late Dr. Knox had been very interested in those topics. When she passed she was working on an article called "No Way to Treat a Robot" SIGHT is looking to memorialize her with some things they are working on now.

With regards to the global workflow project, they have been meeting with Victor Laurence as well as DOD, DVA, and NASA, with a view to improving usability standards for home medical equipment.

Irfan raised the problem of ExCom meeting participation, as well as an end-of-year get together. John was hesitant due to the curves and the unavailability as yet of a booster shot. TK was of the opinion that it is too early to predict COVID for December, but that he had doubts a gathering could be had. He suggested sending gifts to each other, and also that we could schedule something as we didn't have to spend money for food this year. Kit suggested an online event for purely social purposes. She said eating and chatting are the format for the SIGHT meetings. Prasad also pointed out that we don't know what it is going to be in December. He liked TK's gifting idea. Irfan then said we should revisit this question in October. Filomena agreed with revisiting it, but said that in-person events are needed to increase numbers. Kit said that HQ has barred in-person events at this time based on agreements she had to sign for events. Filomena and Irfan pointed out that Section meetings and end-of-year parties do not fall under such agreements. Irfan also suggested sponsoring a school and give some charity and gifts and have a small program. There was then confusion about what IEEE guidelines are on COVID and events generally.

John then reported that Anthony Manfredi mailed in and somehow the meeting got stored as 6 AM so that's why he didn't make it.

Mention was made about writeups for the year and pictures for the website.

Irfan wants a newsletter person and Kit volunteered for the position.

Irfan then closed the meeting at 7:01 PM.

The following is the report for the ComSoc Chapter:

- No events in summer.
- A technical presentation on **STIR SHAKEN – FRAMEWORK FOR MITIGATING ILLEGAL CALLER ID SPOOFING** by Andy Jurczak is planned for October 6, 2021 starting at 06:30 p.m. Computer & Instrumentation Joint Chapter is the co-sponsor for this presentation.

---

Computer / Instrumentation:

We have completed one technical event a while ago. There is one talk scheduled for October 6 in collaboration with Comsoc chapter. There is another talk on sept 29 that Kit has helped arrange ( I hope the date is now nailed down). I hope the eNotices go soon so people are able to register for the talk. If it is too late we may have little or no attendance. There are two more events being arranged in collaboration with PACe events

---

### AP/EMC/VTS Joint Chapter of NJ coast and Princeton sections

Date	Speaker	Topic	Society, Speaker's Affiliation	Attendees	IEEE Members	Comment
6/10/2021	David Matolak	Physical layer reliability and air-ground and air-air networking	Professor Department of Electrical Engineering University of South Carolina, VTS distinguished speaker,	55	44	Topic of great interest due to UAV and variety of methods on how to avoid collisions in the air, precise locations etc., Very large participation due to Reg - 1 blast to wider audience to all of north-east

6/22/2021	Prof. Cynthia Furse	Arcs and sparks - finding fault on live wires	APS Distinguished Speaker, Professor of Electrical and Computer Engineering at the University of Utah, Salt Lake City, Utah, USA	120	76	Extremely well received. Variety of compliments from the audience as well as from speaker. Largest audience for this year.
Aug 19 , 10PM	Prof. Simona Sonori	lithium ion batteries estimation for sustainable mobility	VTS Distinguished speaker, University of Stanford <b>(perhaps the youngest distinguished speaker)</b>			<a href="https://events.vtools.ieee.org/m/277171">https://events.vtools.ieee.org/m/277171</a>
Sep 23, 7PM	Prof. Giorgio Rizzoni	NEXTCAR - Next generation of Autonomous cars	VTS Distinguished speaker, Ohio State University			
Oct 21, 7PM	Prof. Akimasa Hirata	Human Safety from Electromagnetic Fields	EMC Distinguished speaker, Nagoya Institute of Technology, Japan			
11/18/2021	Dr. Eric Lier	"Metamaterials – A Manipulation of Waves"	AP Distinguished speaker, Sr. Tehchincal Fellow, Lockheed Martin Space, RF & Radar Center of Excellence			

The chapter is averaging 1 distinguished talk/month.

---