

**Minutes of the
IEEE Power and Energy Circuits and Systems Technical Committee meeting
--- May 2024 ---**

Location:

Spark combined room, Hotel Ora
Singapore (during ISCAS 2024) - Hybrid format

Date:

Tuesday 21st May 2024

Time:

03:00 PM – 4:30 PM (GMT+8:00)

1) Introductions of Attendees

At 03:00 PM, the Chair of the Power and Energy Circuits and Systems Technical Committee (PECAS-TC), Giulia Di Capua, opened the annual (hybrid) meeting and welcomed all participants. The Chair introduced herself, the Chair-Elect (Xi Chen), and the Secretary (Junrui Liang). All the participants also briefly introduced themselves.

A brief overview of the membership changes from May 2023 to May 2024 was given. Two new full members joined the TC this year: Jingxi Yang and Wen-Liang Zeng. Dimitri Galayko and Elkim Felipe Roa Fuentes were upgraded from Corresponding Members (CM) to Full Members (FM). Aleksandra Lekić-Vervoort and Suli Zou were downgraded from FM to CM, due to missed CASS membership.

2) Approval of Agenda and Minutes from the Last Meeting

Giulia presented the meeting agenda. No comments or suggestions came from the attendees, and the agenda was unanimously approved. The minutes from the last meeting held during ISCAS 2023 were previously sent by email to all TC members. Giulia invited all the attendees to have a look at the minutes available on the PECAS website (**Reports and Minutes** → <https://iee-cas.org/technical-committee/PECAS/pecas-reports-minutes>)

Giulia called to approve the minutes, which were unanimously approved.

3) Report for Activities in 2023/24

ISCAS 2024 report (Track Chairs: Junrui Liang and Dimitri Galayko)

Junrui Liang reported that the Power and Energy Circuits and Systems track in ISCAS 2024 was chaired by Junrui Liang and Dimitri Galayko and served by 21 Review Committee Members (RCMs).

- Some RCMs have been loaded more than others due to unbalance in sub-track submission;
- RCMs have received from 2 to 6 papers;
- Large number of high-quality papers with good feedback from reviewers.

Junrui then reported that 1498 papers were submitted to ISCAS 2024: 83 papers out of 1498 were submitted to Track 4.0, putting it in 7th position among the 16 total tracks of ISCAS 2024 (remaining the same rank as ISCAS 2023). Detailed info on numbers and paper distribution were presented on slides shown during the meeting. Compared to the past ISCAS edition, ISCAS 2024 have 5 lecture sessions (24 papers) and 4 poster sessions (18 papers). The acceptance rate for Track 4.0 was about 51% (42 out of 83 papers were accepted).

Summary of Activity of PECAS TC (June 2023-May 2024)

Giulia highlighted that the TC members' activities between the June 2023 and May 2024 were summarized in the IEEE PECAS annual report, which has been prepared by Giulia Di Capua and submitted to the IEEE CASS VP - Technical Activities on May 2024. The relevant document has been made available on PECAS website (**Reports and Minutes** → <https://iee-cas.org/technical-committee/PECAS/pecas-reports-minutes>)

Overall, Giulia highlighted:

- (1) good participation as committee members in CASS conferences;
- (2) very good participation in editorial boards;
- (3) some CASS awards, honors, and recognition (including 1 fellowship and 1 DL);
- (4) some Keynotes and invited talks;
- (5) good IEEE CASS services (BoG, YPCAS, WiCAS, DEICAS, PECAS,...)

4) Proposed Activities and suggestion for 2023/24

Giulia shared some proposals and suggestions for 2024/2025, including:

- (1) inviting for Special Issues proposals in CASS journals and Special Sessions proposals for ISCAS 2025;
- (2) promoting cross-collaboration in/out of the TC;
- (3) announcing for PECAS-TC *internal* award (e.g., in the frame of ISCAS conference);
- (4) promoting PECAS TC actions/award/recognition through socials to get popularity and recognition in CASS.
- (5) updating the reviewers' qualifications in CASS journals;
- (6) working for a more DEI-oriented TC *;
- (7) work for a major involvement of TC members in CASS **.

** From the latest surveys, our TC currently involves few industry members (Academia 90% versus Industry 10%) few CASS members in R7 (Canada) and R9 (Central/South America), and few female members (only 10%).*

*** Only 29 people out of 67 replied to the Annual Report request. Members should be active. Entering the TC is a volunteering action, remaining a member is not mandatory or automatically granted.*

5) TC involvement in CASS

Giulia reminded that every year the TC defines two chairs for ISCAS (not anymore the PECAS chairs and chair-elect), possibly based on a rotation program.

During the meeting, Dimitri Galayko and Sijun Du were unanimously appointed as track chairs for ISCAS 2025.

Giulia provided references on the TC PECAS involvement in CASS journals. At this moment, the following members are involved as Associate Editors.

- TCAS-1: Chi-Tsun (Ben) Cheng, Xiaozhe Wang, Anmol Sharma, Yang (Tim) Jiang
- TCAS-2: Yang (Tim) Jiang
- OJCAS: Yongxiang Xia, Chi-Tsun (Ben) Cheng, Giulia Di Capua
- JESTCAS: Hiroo Sekiya

6) TC membership status

Junrui summarized the TC Membership status by May 2024. There are currently 61 FMs and 8 CMs. Some FM didn't reply to the email for CASS membership status check. The members who didn't confirmed with validated IEEE and CASS membership were downgraded to CMs. Hereinafter, the summary of the changes.

Downgrading to CMs:

- Alessandro Cabrini (Downgrade from FM)
- Tyrone Fernando (Downgrade from FM)
- Meng Huang (Downgrade from FM)
- Mani Venkatasubramanian (Downgrade from FM)
- Haicheng Tu (Downgrade from FM)
- Bin Liu (Downgrade from FM)

Leaving the TC:

- Aleksandra Lekić-Vervoort (Leave the TC from CM)

- Suli Zou (Leave the TC from CM)

7) EDICs of TCAS-I and II issues

Giulia briefly recalled the current status of the EDICs of TCAS-I and II.

The CASS President, the VP-publication, and the new appointed CASS journal EiCs asked to:

- (1) wait for EDICs change request until May 2024;
- (2) revise the EDICs, based on final discussion held during ISCAS'24;
- (3) submit new EDICs proposals to the editorial board of TCAS-1/-2.

Giulia clarified that the VP-publication and the EiCs of TCAS-1/-2 can further modify EDICs, based on their consistency with the TC scope.

During the meeting, the scope of EDICs was deeply reviewed and discussed in detail, and the “power electronics” section, the “power systems” section and the “energy” section were all completely revised. The officers circulated the latest version of the EDICs among the TC members after the meeting. After internal approval, the updated EDICs were transmitted to the EiCs of TCAS-1/-2. Updates are still pending.

8) New Business (if any)

Giulia asked the attendees for any other business. No further communication came from the audience.

9) Meeting Adjournment

The meeting was adjourned at 04:50 PM.

12) Attendees List (in alphabetical order)

#	Name	Attendance	Affiliation	Country
1	Chi K. Tse	in person	City University of Hong Kong	Hong Kong
2	Wingkuen Ling	in person	Guangdong Univerisity of Science and Technology	China
3	Giulia Di Capua	in person	University of Cassino and Southern Lazio	Italy
4	Dimitri Galayko	in person	Sorbonne Université - LIP6	France
5	Hiroo Sekiya	in person	Chiba University	Japan
6	Yan Lu	in person	University of Macau	Macau
7	Junmin Jiang	in person	Southern University of Science and Technology	Japan
8	Xi Chen	in person	State Grid Corportaion of China	China
9	Junrui Liang	in person	ShanghaiTech University	China
10	Xi Zhang	in person	Beijing Institute of Technology	China
11	Sijun Du	in person	TU Delft	Netherland
12	Chi Seng Lam	in person	University of Macau	Macau
13	Yongxiang Xia	in person	Hangzhou Dianzi University	China
14	Yang Jiang	in person	University of Macau	Macau
15	Herbert Iu	in person	McGill University	Canada
16	Eric Wong	online	University of Macau	Macau
17	Jingxi Yang	online	Hangzhou Dianzi University	China
18	Dong Liu	online	Beijing Institute of Technology	China
19	Chi Wa U	online	University of Macau	Macau
20	Nicola Femia (attended as a nonvoting delegate)	in person	University of Salerno	Italy
21	Alvaro Volpato (attended as a nonvoting delegate)	in person	University of São Paulo	Brasil

*** Minutes taken by Xi Chen

*** Revised and confirmed by Giulia Di Capua

*** July 1st, 2024 (*draft version*)

*** July 29th, 2024 (*revised version*)

*** August 27th, 2024 (*final version*)