

**IEEE Power Electronics Society Technical Committee on
Electrical Machines, Drives, and Automation
TC3 Meeting Minutes**

Location:

Loon Star E – Classroom 128 (2nd floor), Grand Hyatt San Antonio River Walk, San Antonio, TX, USA

Online via Zoom platform

Date:

Monday March 23rd, 2026

Time:

10:30 a.m. -12:00 a.m., Eastern time (US and Canada)

Agenda

- 1. Welcome and Introduction**
- 2. Approval of ECCE EUROPE 2025 TC3 Meeting minutes**
- 3. Conference Updates**
 - **IEMDC 2027**
 - **IEMDC 2029**
 - **SDEMPED 2025**
 - **PRECEDE 2027**
 - **PRECEDE 2029**
 - **SLED 2027**
 - **IDCD 2026**
- 4. TC3 Budget Approval**
- 5. Cluster 3 Activities**
- 6. Technical Achievement Award**
- 7. Call for Webinar Speakers and Workshops**
- 8. Call for volunteers**
- 9. Other business**
- 10. Meeting Adjournment**

1. Welcome and Introductions of Members

Prof. Giacomo Scelba, in the role of TC3 Chair, opened the meeting at 10:35 a.m. and welcomed all participants.

2. Approval of Minutes from APEC 2025 TC3 Meeting

Minutes of ECCE EUROPE 2025 TC3 meeting were electronically circulated among the

members by the secretary prior to the meeting. No comments or suggestions came from the attendees. The motion for approval was moved by Prof. Josè Rodriguez, seconded by Prof. Jiangbiao He. The minutes were unanimously approved by the members.

3. Conference Updates

The Chair briefly introduced the conferences that are sponsored or co-sponsored by PELS, where the TC3 is mainly involved:

- **IEMDC**: International Electric Machines and Drives Conference.
- **SDEMPED**: International Symposium on Diagnostics for Electrical Machines, Power Electronics and Drives.
- **PRECEDE**: International Conference on Predictive Control of Electrical Drives and Power Electronics.
- **SLED**: International Symposium on Sensorless Control for Electrical Drives.
- **IDCD**: IEEE International Conference on Intelligent Design and Control of Automation and Drive Systems

Members attending the meeting and interested in hosting one of those conferences in the future should first contact the conference steering committee. Then, they should reach out to the TC3, which will provide feedback and support for the candidature.

The brief introduction to the conferences was followed by the following updates:

- **IEMDC 2027**: Prof. Jiangbiao He, University of Tennessee at Knoxville, is the General Chair of the event that will be held in Milwaukee (WI, USA) on May 17-20, 2027. Prof. He illustrated the latest updates of the event, including conference venue and budget proposal, and proposed a motion for loan approval, which was moved by Prof. Giacomo Scelba and seconded by Prof. Josè Rodriguez. The motion passed unanimously.
- **IEMDC 2029**: Dr. Vandana Rallabandi and Dr. Nishanth Gadiyar, OAK Ridge National Laboratory, are the General co-Chairs of the event that will be held in Knoxville, Tennessee, USA, on May 13-16, 2029. Dr. Vallandana illustrated the latest updates of the event, including conference venue, organizing committee and candidate sponsors.
- **PRECEDE 2027**: Prof. Yonfgdong Li, Tsingua University, Beijing, China, is the General Chair of the event that will be held in Beijing, China, on June 3-6, 2027. Prof. Jose Rodrigues, Universidad San Sebastian, Chile, illustrated the latest updates of the event, including conference venue and organizing committee. A motion for a modified budget approval was moved by Prof. Josè Rodriguez, and seconded by Prof. Patrick Wheeler. Motions passed unanimously.
- **PRECEDE 2029**: Prof. Marco Rivera and Prof. Patrick Wheeler, University of Nottingham, UK, are the General co-Chairs of the event that will be held in Nottingham, UK. Prof. Patrick Wheeler, University of Nottingham, UK, illustrated the latest updates of the event.

- **SDEMPED 2027:** Prof. Toomas Vaimann and Prof. Anouar Belhacer, Aalto University, Tallinn, Estonia, are the General co-Chairs of the event that will be held in Estonia, on August 24-27, 2027. Dr. Hadi Ashraf Raja, Aalto University, Tallinn, Estonia, illustrated the most recent updates regarding the organization of this event. A first motion was proposed to approve venue and date, moved by Prof. Giacomo Scelba and seconded by Prof. Josè Rodriguez. The motion passed unanimously. A second motion was proposed to approve the budget, which was moved by Prof. Stefano Nuzzo and seconded by Prof. Ali Bazzi. The motion passed unanimously.
- **SLED 2027:** only one proposal was received by the deadline. Prof. Nuzzo, University of Modena and Reggio Emilia, Italy, and Prof. Giacomo Scelba, University of Catania, Italy, are proposing to host SLED 2027 in Modena, Italy. Presentation slides were presented by Prof. Nuzzo, highlighting proposed venue and dates, and organizing committee. A motion was proposed to propose venue and dates, moved by Prof. Giacomo Scelba and seconded by Prof. Jiangbiao He. A second motion was proposed for budget approval, moved by Prof. Jiangbiao He and seconded by Prof. Jose Rodriguez. One last motion was proposed for loan approval, moved by Prof. Jiangbiao He and seconded by Prof. Rodriguez. All motions passed unanimously.
- **IDCD 2026:** Prof. Ali Bazzi, University of Connecticut, USA, is the General Chair of the event which will be held in Chicago, USA, on April 23-24, 2027. Prof. Ali Bazzi, illustrated the post-conference updates, highlighting the total number of submitted and accepted papers, keynote and tutorial speakers. A number of ways to improve IDCD, such as co-hosting it with other events or co-locate with other TC3 or “Cluster 3” events, were proposed and discussed.

4. TC3 Budget Approval

Prof. Giacomo Scelba proposed a motion to approve the TC3 budget, which was first moved by Prof. Jiangbiao He and seconded by Dr. Weiqiang Chen.

The requested budget includes

- a. Meeting travel
- b. Event costs
- c. TC3 Technical Achievement Award
- d. Student Travel Grants for SLED 2027

The motion passed unanimously.

5. TC Cluster 3 Activities

The Chair, Prof. Giacomo Scelba, illustrated the last TC Cluster 3 activities, highlighting the relevant contributions to:

- a. EMERGE 2026 – Electrical Machines and Drives for Green Transportation Systems: Cluster 3 will contribute to the technical program with two lectures from Prof. Giacomo Scelba and Prof. Paul Mitcheson

- b. Special Issue in IEEE Transactions on Transportation Electrification on “Fault Diagnosis, Prognosis, and Tolerance in Transportation Electric Machines and Drives”: the proposal has been submitted to the journal.

6. Technical Achievement Award

The IEEE PELS Electrical Machines, Drives, and Related Automation Technical Achievement Award was illustrated to the participants by the TC3 Secretary, Prof. Stefano Nuzzo, along with its eligibility conditions and award items. The Officers encouraged the members to submit their nomination.

7. Call for Webinar Speakers and Workshops

The Secretary showed recently held and upcoming webinars. The Officers encouraged the members to present webinars, which are broadcast globally and receive thousands of viewers. Members interested in presenting a webinar whose area of expertise would be beneficial to members of PELS, can contact the TC3 leadership team for support.

8. Call for Volunteers

TC3 committee leadership invited members to support TC3 activities by serving as reviewers, topic chairs, and session chairs for conferences. Interested members can contact Prof. Stefano Nuzzo (stefano.nuzzo@unimore), specifying their preferred position.

9. New Election Committees

The Nominations and Elections (N&E) Committee will be chaired by Prof. Ali Bazzi, TC3 past Chair, with two additional committee members to be appointed. Elections will be held to fill four officer positions:

- Chair
- Vice-Chair (Conferences)
- Vice-Chair (Technology)
- Secretary

Members interested in running for one of these positions are invited to submit their candidacy by email to Prof. Ali Bazzi.

The application should include:

1. A short biography.
2. A brief statement outlining the candidate’s vision and motivation for the position.
3. The position for which they are applying for.

The deadline for submitting candidacies is July 31, 2026.

10. Other Business

Prof. Marco Liserre, VP of Technical Operations, fostered participation of TCs in standards and roadmaps and proactiveness in proposing ideas for roadmaps and standards.

No other business was forthcoming.

11. Meeting Adjournment

As a closing remark, the Chair thanked all the present attendees for their participation and requested a motion to adjourn the meeting. The motion was moved by Prof. Ali Bazzi and seconded by Prof. Jiangbiao He. The meeting was adjourned at 11:40 a.m.

2025-2026 PELS TC3 officers:

Chair: Prof. Giacomo Scelba (giacomo.scelba@ieee.org)

Vice Chair of Conferences: Jiangbiao He (jiangbiao@ieee.org)

Vice Chair of Technology: Emre Gurpinar (emre.gurpinar@ieee.org)

Secretary: Prof. Stefano Nuzzo (stefano.nuzzo@unimore)

Minutes prepared by Stefano Nuzzo