

2025 Annual Report (June 2024 – May 2025)

Nonlinear Circuits and Systems Technical Committee

IEEE Circuits and Systems Society

Chairman: Federico Bizzarri

Chair-Elect: Erivelton Nepomuceno

Secretary: Tommaso Addabbo

1. Technical Committee Meeting

Location: mixed-mode meeting (ISCAS2024 - Singapore and Zoom Meeting)

Date: 22nd May 2024

Time: 1.30 pm - Pacific Time

Attendance rate: 27% (17 out of 62)

Quorum: not reached ("whenever voting occurs during a meeting, a quorum applies requiring at least the ceiling of one third of the regular TC members to be present at the meeting").

2. Voting Members (64)

| Last Name       | First Name         | Affiliation                                               | Email                          | IEEE grade    | IEEE Region                      |
|-----------------|--------------------|-----------------------------------------------------------|--------------------------------|---------------|----------------------------------|
| Abraham         | Isaac Palliath     | Intel Corporation                                         | isaac.abraham@intel.com        | Senior        | R6 (Western US)                  |
| Addabbo         | Tommaso            | University of Siena                                       | tommaso.addabbo@unisi.it       | Member        | R8 (Africa, Europe, Middle East) |
| Ascoli          | Alon               | University of Western Sydney                              | w.zheng@uws.edu.au             | Senior Member | R8 (Africa, Europe, Middle East) |
| Bernardini      | Alberto            | Politecnico di Milano                                     | alberto.bernardini@polimi.it   | Member        | R8 (Africa, Europe, Middle East) |
| Bizzarri        | Federico           | Politecnico di Milano                                     | federico.bizzarri@polimi.it    | Senior        | R8 (Africa, Europe, Middle East) |
| Callegari       | Sergio             | University of Bologna                                     | sergio.callegari@unibo.it      | Senior        | R8 (Africa, Europe, Middle East) |
| Chen            | Guanrong (Ron)     | City University of Hong Kong                              | gchen@ee.cityu.edu.hk          | Life Fellow   | R10 (Asia and Pacific)           |
| Cheng           | Chi Tsun (Ben)     | RMIT University                                           | ben.cheng@rmit.edu.au          | Senior        | R10 (Asia and Pacific)           |
| Colombo         | Alessandro         | Politecnico di Milano                                     | alessandro.colombo@polimi.it   | Senior        | R8 (Africa, Europe, Middle East) |
| Comminiello     | Danilo             | Sapienza University of Rome                               | danilo.comminiello@uniroma1.it | Member        | R8 (Africa, Europe, Middle East) |
| Corinto         | Fernando           | Politecnico di Torino                                     | fernando.corinto@polito.it     | Senior        | R8 (Africa, Europe, Middle East) |
| Di              | He                 | Shanghai Jiao Tong University                             | dihe@sjtu.edu.cn               | Senior        | R10 (Asia and Pacific)           |
| Di Bernardo     | Mario              | Università degli Studi di Napoli Federico II              | mario.dibernardo@unina.it      | Fellow        | R8 (Africa, Europe, Middle East) |
| Dominguez-Pumar | Manuel             | Technical University of Catalonia                         | manuel.dominguez@upc.edu       | Senior        | R8 (Africa, Europe, Middle East) |
| Dong            | Yujiao             | Hangzhou Dianzi University                                | yjdong@hdu.edu.cn              | Member        | R10 (Asia and Pacific)           |
| El Aroudi       | Abdelali           | Universitat Rovira i Virgili                              | abdelali.elaroudi@urv.cat      | Senior        | R8 (Africa, Europe, Middle East) |
| Elwakil         | Ahmed              | University of Sharjah                                     | elwakil@ieee.org               | Senior        | R8 (Africa, Europe, Middle East) |
| Feely           | Orla               | University College Dublin                                 | orla.feely@ucd.ie              | Fellow        | R8 (Africa, Europe, Middle East) |
| Fiore           | Davide             | University of Naples Federico II                          | davide.fiore@unina.it          | Member        | R8 (Africa, Europe, Middle East) |
| Galayko         | Dimitri            | Université Pierre et Marie Curie                          | dimitri.galayko@lip6.fr        | Member        | R8 (Africa, Europe, Middle East) |
| Galias          | Zbigniew           | AGH-University of Science and Technology                  | zbigniew.galias@agh.edu.pl     | Senior        | R8 (Africa, Europe, Middle East) |
| Göknar          | Izzet Cem          | Işık University                                           | cem.goknar@isikun.edu.tr       | Life Fellow   | R8 (Africa, Europe, Middle East) |
| Hayes           | Brendan            | Dublin City University                                    | brendan.hayes@dcu.ie           | Member        | R8 (Africa, Europe, Middle East) |
| Iu              | Ho-Ching (Herbert) | The University of Western Australia                       | herbert@ee.uwa.edu.au          | Senior        | R10 (Asia and Pacific)           |
| James           | Alex Pappachen     | Indian Institute of Information Technology and Management | a.james@iiitm.ac.in            | Senior        | R10 (Asia and Pacific)           |
| Jha             | Amit               | Integrated Device Technology                              | ajha@ieee.org                  | Member        | R6 (Western US)                  |
| Kennedy         | Peter              | University College Dublin                                 | peter.kennedy@ucd.ie           | Fellow        | R8 (Africa, Europe, Middle East) |
| Kolumbán        | Géza               | Pázmány Péter Catholic University                         | kolumban@itk.ppke.hu           | Fellow        | R8 (Africa, Europe, Middle East) |
| Lau             | Francis            | Hong Kong Polytechnic University                          | francis-cm.lau@polyu.edu.hk    | Fellow        | R10 (Asia and Pacific)           |
| Leuciuc         | Adrian             | Cadence Design Systems                                    | aleuciuc@cadence.com           | Senior        | R2 (Eastern US)                  |
| Leung           | Henry              | University of Calgary                                     | leungh@ucalgary.ca             | Fellow        | R7 (Canada)                      |
| Li              | Xiang              | Fudan University                                          | lix@fudan.edu.cn               | Senior        | R10 (Asia and Pacific)           |
| Liang           | Yan                | Hangzhou Dianzi University                                | liangyan@hdu.edu.cn            | Member        | R10 (Asia and Pacific)           |
| Linaro          | Daniele            | Politecnico di Milano                                     | daniele.linaro@polimi.it       | Member        | R8 (Africa, Europe, Middle East) |
| Ling            | Wing-Kuen          | Guangdong University of Technology                        | yongquanling@gdut.edu.cn       | Senior        | R10 (Asia and Pacific)           |
| Lodi            | Matteo             | University of Genoa                                       | matteo.lodi@unige.it           | Member        | R8 (Africa, Europe, Middle East) |
| Madian          | Ahmed              | Nile University                                           | amadian@nu.edu.eg              | Senior        | R8 (Africa, Europe, Middle East) |
| Mathis          | Wolfgang           | Leibniz University Hannover                               | mathis@tet.uni-hannover.de     | Fellow        | R10 (Asia and Pacific)           |
| Meucci          | Riccardo           | University of Florence                                    | riccardo.meucci@ino.cnr.it     | Senior        | R8 (Africa, Europe, Middle East) |
| Nepomuceno      | Erivelton Geraldo  | Federal University of São João del-Rei                    | nepomuceno@ufsj.edu.br         | Member        | R9 (Latin America)               |
| Nishio          | Yoshifumi          | Tokushima University                                      | nishio@ee.tokushima-u.ac.jp    | Senior        | R10 (Asia and Pacific)           |

|              |                |                                                          |                                |             |                                  |
|--------------|----------------|----------------------------------------------------------|--------------------------------|-------------|----------------------------------|
| Ogorzalek    | Maciej J.      | Jagiellonian University                                  | maciej.ogorzalek@uj.edu.pl     | Fellow      | R8 (Africa, Europe, Middle East) |
| Oliveri      | Alberto        | University of Genoa                                      | alberto.oliveri@unige.it       | Member      | R8 (Africa, Europe, Middle East) |
| Pareschi     | Fabio          | Politecnico di Torino                                    | fabio.pareschi@polito.it       | Senior      | R8 (Africa, Europe, Middle East) |
| Psychalinos  | Costas         | University of Patras                                     | cpsychal@upatras.gr            | Senior      | R8 (Africa, Europe, Middle East) |
| Radwan       | Ahmed          | Nile University                                          | agradwan@nu.edu.eg             | Senior      | R8 (Africa, Europe, Middle East) |
| Rojas Norman | Alejandro José | Universidad de Concepcion                                | arojasn@udec.cl                | Senior      | R9 (Latin America)               |
| Rong         | Zhihai         | University of Electronic Science and Technology of China | rongzh@gmail.com               | Member      | R10 (Asia and Pacific)           |
| Sekiya       | Hiroo          | Chiba University                                         | sekiya@faculty.chiba-u.jp      | Senior      | R10 (Asia and Pacific)           |
| Sengor       | Neslihan Serap | Istanbul Technical University                            | sengorn@itu.edu.tr             | Member      | R8 (Africa, Europe, Middle East) |
| Setti        | Gianluca       | Politecnico di Torino                                    | gianluca.setti@polito.it       | Fellow      | R8 (Africa, Europe, Middle East) |
| Sorrentino   | Francesco      | University of New Mexico                                 | fsorrent@unm.edu               | Member      | R6 (Western US)                  |
| Storace      | Marco          | University of Genoa                                      | marco.storace@unige.it         | Senior      | R8 (Africa, Europe, Middle East) |
| Sun          | Jitao          | Tongji University                                        | sunjt@sh163.net                | Member      | R10 (Asia and Pacific)           |
| Sun          | Kangkang       | Harbin Institute of Technology                           | kangkangsun2010@gmail.com      | Member      | R10 (Asia and Pacific)           |
| Suykens      | Johan          | Katholieke Universiteit Leuven                           | johan.suykens@esat.kuleuven.be | Fellow      | R8 (Africa, Europe, Middle East) |
| Trajkovic    | Ljiljana       | Simon Fraser University                                  | ljilja@cs.sfu.ca               | Life Fellow | R7 (Canada)                      |
| Ueta         | Tetsushi       | Tokushima University                                     | ueta@tokushima-u.ac.jp         | Senior      | R10 (Asia and Pacific)           |
| Uwate        | Yoko           | Tokushima University                                     | uwate@ee.tokushima-u.ac.jp     | Member      | R10 (Asia and Pacific)           |
| Wong         | Eric Wing Ming | City University of Hong Kong                             | eeewong@cityu.edu.hk           | Member      | R10 (Asia and Pacific)           |
| Wu           | Jiajing        | Sun Yat-sen University                                   | wujiajing@mail.sysu.edu.cn     | Member      | R10 (Asia and Pacific)           |
| Xia          | Yongxiang      | Zhejiang University                                      | xiayx@ieee.org                 | Senior      | R10 (Asia and Pacific)           |
| Yalcin       | Mustak Erhan   | Istanbul Technical University                            | mustak.yalcin@itu.edu.tr       | Senior      | R8 (Africa, Europe, Middle East) |
| Zheng        | Wei Xing       | University of Western Sydney                             | w.zheng@uws.edu.au             | Fellow      | R10 (Asia and Pacific)           |

| Geographical distribution of TC/SIG members (percentage of total) |                         |        |  |  |
|-------------------------------------------------------------------|-------------------------|--------|--|--|
| 2025                                                              | Total Number of Members | Rate % |  |  |
| Regions 1 – 6 (U.S.A.)                                            | 4                       | 6.25%  |  |  |
| Region 7 (Canada)                                                 | 2                       | 3.13%  |  |  |
| Region 8 (Europe/Africa, Middle East)                             | 34                      | 53.13% |  |  |
| Region 9 (Central/South America)                                  | 2                       | 3.13%  |  |  |
| Region 10 (Asia/Pacific)                                          | 22                      | 34.38% |  |  |

| Gender distribution of TC/SIG members (percentage of total) |                         |        |  |  |
|-------------------------------------------------------------|-------------------------|--------|--|--|
| 2025                                                        | Total Number of Members | Rate % |  |  |
| Male                                                        | 57                      | 89.06% |  |  |
| Female                                                      | 7                       | 10.94% |  |  |

| Distribution of TC/SIG members by affiliation (percentage of total) |                         |        |  |  |
|---------------------------------------------------------------------|-------------------------|--------|--|--|
| 2025                                                                | Total Number of Members | Rate % |  |  |
| Academia                                                            | 61                      | 95.31% |  |  |
| Industry                                                            | 3                       | 4.69%  |  |  |
| Government                                                          | 0                       | 0.00%  |  |  |

| 3. Accomplished Technical Activities                                                                            |                     |                                           |                                                |  |
|-----------------------------------------------------------------------------------------------------------------|---------------------|-------------------------------------------|------------------------------------------------|--|
| 3.1 IEEE Conference/Event organizations                                                                         |                     |                                           |                                                |  |
| First priority: please highlight conference/events technically and financially co-sponsored by the CAS Society. |                     |                                           |                                                |  |
| Member Surname and Name                                                                                         | Conference Sponsors | Conference/Event Title                    | Your Role                                      |  |
| Addabbo Tommaso                                                                                                 | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| Addabbo Tommaso                                                                                                 | IEEE CASS           | ICECS 2024                                | Track Co-chair                                 |  |
| Bernardini Alberto                                                                                              | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| Bernardini Alberto                                                                                              | IEEE CASS           | ISCAS 2025                                | Session Chair                                  |  |
| Bizzarri Federico                                                                                               | IEEE CASS           | ICECS 2024                                | Half-day tutorial presenter                    |  |
| Bizzarri Federico                                                                                               | IEEE CASS           | ICECS 2024                                | Track Co-chair                                 |  |
| Blokhina Elena                                                                                                  | IEEE CASS           | ICECS 2024                                | Special Session Co-Chair                       |  |
| Blokhina Elena                                                                                                  | IEEE CASS           | ISCAS 2025                                | TPC Co-Chair                                   |  |
| Chi-Tsun (Ben) Cheng                                                                                            | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| Comminiello Danilo                                                                                              | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| Corinto Fernando                                                                                                | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| Di He                                                                                                           | IEEE CASS           | IEEE CASS Shanghai-Shikoku Joint Workshop | Organizer                                      |  |
| Dominguez-Pumar Manuel                                                                                          | IEEE CASS           | ICECS 2024                                | Track Co-Chair                                 |  |
| Erivelton Nepomuceno                                                                                            | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| Feely Orla                                                                                                      | IEEE CASS           | ISCAS 2025                                | International Liaisons                         |  |
| Fiore Davide                                                                                                    | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| Galayko Dimitri                                                                                                 | IEEE CASS           | ICECS 2024                                | General Co-chair                               |  |
| Galias Zbigniew                                                                                                 | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| Giaouris Damian                                                                                                 | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| Iu Herbert                                                                                                      | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| James Alex                                                                                                      | IEEE CASS           | ISCAS 2025                                | International Liaisons                         |  |
| Kennedy Michael Peter                                                                                           | IEEE CASS           | ISCAS 2025                                | Plenary Speaker Chair                          |  |
| Kennedy Michael Peter                                                                                           | IEEE CASS           | ISCAS 2025                                | Review Committee Member                        |  |
| Ljiljana Trajkovic                                                                                              | IEEE CASS           | ISCAS 2025                                | Track Chair, Education in Circuits and Systems |  |

|                             |           |                   |                              |
|-----------------------------|-----------|-------------------|------------------------------|
| Ljiljana Trajkovic          | IEEE CASS | ISCAS 2025        | WICAS co-chair               |
| Ljiljana Trajkovic          | IEEE CASS | ISCAS 2025        | Review Committee Member      |
| Lodi Matteo                 | IEEE CASS | ISCAS 2025        | Review Committee Member      |
| Meucci Riccardo             | IEEE CASS | IEEE COMPENG 2024 | Co-Chair                     |
| Nishio Yoshifumi            | IEEE CASS | ISCAS 2025        | International Liaisons       |
| Ogorzalek Maciej            | IEEE CASS | ISCAS 2025        | International Liaisons       |
| Olivieri Alberto            | IEEE CASS | ISCAS 2025        | Review Committee Member      |
| Pareschi Fabio              | IEEE CASS | ISCAS 2025        | Track Co-Chair               |
| Pareschi Fabio              | IEEE CASS | ISCAS 2025        | Review Committee Member      |
| Psychalinos Costas          | IEEE CASS | ISCAS 2025        | Review Committee Member      |
| Rojas Norman Alejandro José | IEEE CASS | ISCAS 2025        | Review Committee Member      |
| Setti Gianluca              | IEEE CASS | BioCAS 2024       | International Liaisons       |
| Storace Marco               | IEEE CASS | ISCAS 2025        | Track Co-Chair               |
| Storace Marco               | IEEE CASS | ISCAS 2025        | Review Committee Member      |
| Tse Michael                 | IEEE CASS | ISCAS 2025        | International Liaison Member |
| Tse Michael                 | IEEE CASS | ISCAS 2025        | International Liaisons       |
| Xia Yongxiang               | IEEE CASS | ISCAS 2025        | Review Committee Member      |
| Yalcin Mustak Erhan         | IEEE CASS | ISCAS 2025        | Review Committee Member      |

Second priority: please highlight conference/events **technically co-sponsored by the CAS Society**. You may add or remove rows as needed.

| Member Surname and Name | Conference Sponsors | Conference/Event Title                                                             | Your Role                            |
|-------------------------|---------------------|------------------------------------------------------------------------------------|--------------------------------------|
| Alon Ascoli             | IEEE CASS           | MOCAST 2024                                                                        | Special Sessions Chair               |
| Bizzarri Federico       | IEEE CASS           | 2024 IEEE Workshop on Complexity in Engineering (COMPENG)                          | Scientific Committee member          |
| Blokhina Elena          | IEEE CASS           | PRIME 2024                                                                         | Steering Committee Member            |
| Meucci Riccardo         | IEEE CASS           | 2024 IEEE Workshop on Complexity in Engineering (COMPENG)                          | General Co-Chair                     |
| Nishio Yoshifumi        | IEEE CASS           | ISOC 2024                                                                          | Technical Program Committee Co-Chair |
| Psychalinos Costas      | IEEE CASS           | 6th Novel Intelligent and Leading Emerging Sciences (NILES) Conference 2024        | Tutorial Co-Chair                    |
| Psychalinos Costas      | IEEE CASS           | 13th International Conference on Modern Circuits and Systems Technologies (MOCAST) | Program Committee Member             |
| Uwate Yoko              | IEEE CASS           | APCASS 2024                                                                        | DEI chair                            |
| Uwate Yoko              | IEEE CASS           | ISOC 2024                                                                          | WiCAS Co-Chair                       |

### 3.2 IEEE Journal Editorships

Please highlight the journals that are **co-sponsored by the CAS Society**, cf., <https://ieee-cas.org/publications>. You may add or remove rows as needed.

| Member Surname and Name | Journal Sponsors               | Journal Title                                                          | Your Role                 |
|-------------------------|--------------------------------|------------------------------------------------------------------------|---------------------------|
| Alejandro Rojas         | CASS                           | IEEE Latin America Transactions                                        | Steering Committee        |
| Ascoli Alon             | CASS                           | IEEE Transactions on Circuits and Systems I                            | Associate Editor          |
| Bernardini Alberto      | IEEE Signal Processing Society | IEEE/ACM Transactions on Audio, Speech, and Language Processing        | Associate Editor          |
| Bernardini Alberto      | IEEE Signal Processing Society | IEEE Open Journal of Signal Processing                                 | External Associate Editor |
| Bizzarri Federico       | CASS                           | IEEE Open Journal of Circuits and Systems                              | Associate Editor          |
| Chi-Tsun (Ben) Cheng    | CASS                           | IEEE Transactions on Circuits and Systems I                            | Associate Editor          |
| Chi-Tsun (Ben) Cheng    | IEEE                           | IEEE Access                                                            | Associate Editor          |
| Chi-Tsun (Ben) Cheng    | CASS                           | IEEE Open Journal of Circuits and Systems                              | Associate Editor          |
| Herbert Ho-Ching Iu     | CASS                           | IEEE OJCAS Special Issue: Artificial Intelligence in Power Electronics | Guest Editor              |
| Hiroo Sekiya            | CASS                           | JETCAS                                                                 | Senior Editor             |
| James Alex Pappachen    | CASS                           | IEEE Open Journal of Circuits and Systems                              | Associate Editor in Chief |
| Linaro Daniele          | CASS                           | IEEE Open Journal of Circuits and Systems                              | Associate Editor          |
| Ogorzalek Maciej J.     | CASS                           | IEEE Circuits and Systems Magazine                                     | Associate Editor          |
| Tse Michael             | CASS                           | IEEE CASS Newsletter                                                   | Editor-in-Chief           |
| Tse Michael             | IEEE                           | Proceedings of IEEE                                                    | Associate Editor          |
| Storace Marco           | CASS                           | TCAS-II Special Issue on ISCAS2025                                     | Guest Editor              |
| Yalcin Mustak Erhan     | CASS                           | IEEE Transactions on Circuits and Systems I                            | Associate Editor          |
| Xia Yongxiang           | CASS                           | IEEE Open Journal of Circuits and Systems (OJCAS)                      | Associate Editor          |

### 3.3 Awards, Honors, and Recognition

Fellow, Distinguished Lecturer, Outstanding Service, Best Paper Awards, and so on by the CAS Society. You may add or remove rows as needed.

| Member Surname and Name | Awards / Honors / Recognition                                                                                                                      | Period       |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------|
| Chi-Tsun (Ben) Cheng    | CASS Distinguished Lecturer                                                                                                                        | 2025-2026    |
| Herbert Ho-Ching Iu     | Fellow of the IEEE                                                                                                                                 | 2025         |
| Oliveri Alberto         | Best Track Manuscript Recognition for the manuscript<br>"A Nonlinear Model of air-Gapped ferrite-Core Inductors for SMPS Applications" - ISCAS2024 | June 2024    |
| Psychalinos Costas      | 3rd Place Best Paper Award in NILES 2024                                                                                                           | October 2024 |
| Storace Marco           | Best Track Manuscript Recognition for the manuscript<br>"A Nonlinear Model of air-Gapped ferrite-Core Inductors for SMPS Applications" - ISCAS2024 | June 2024    |

### 3.4. Keynote Speeches/Invited Talks

| Member Surname and Name | Invited by           | Event/Conference Title                                                  | Talk Title                                                                 | Date      |
|-------------------------|----------------------|-------------------------------------------------------------------------|----------------------------------------------------------------------------|-----------|
| Chi-Tsun (Ben) Cheng    | IEEE Taipei Section  | CASS DL Talk                                                            | Enabling Industry 4.0 with Circuits, Systems, and Open-Source Technologies | 22-Apr-25 |
| Ljiljnaa Trajkovic      | Organizers           | 2024 Shenzhen Global Innovation Forum of Talents, Shenzhen, China       | Data mining and machine learning for analysis of network traffic           | 31-Oct-24 |
| Ljiljnaa Trajkovic      | Prof. Mianxiong Dong | ASPIRExPRESTO Workshop, Muroran Institute of Technology, Muroran, Japan | Data mining and machine learning for analysis of network traffic           | 14-Feb-25 |
| Michael Tse             | IEEE PES             | 9th Int. Conf. Sustainable Energy Eng. (ICSEE2025)                      | The Evolving Power Grid                                                    | 18-Jan-25 |
| Oliveri Alberto         | Virginia Ruiz Garate | IEEE Robosoft 2025                                                      | Soft robotic arm with bodily awareness                                     | 23-Apr-25 |

### 3.5 Other distinguished IEEE services

(For example, CAS BoG, Region/chapter leadership, TC chair/secretary)

| Member Surname and Name | Organization                                       | Position/Activities | Period    |
|-------------------------|----------------------------------------------------|---------------------|-----------|
| Addabbo Tommaso         | Nonlinear Circuits and Systems Technical Committee | Secretary           | 2023-2025 |

|                       |                                                    |                                                                                                        |                        |
|-----------------------|----------------------------------------------------|--------------------------------------------------------------------------------------------------------|------------------------|
| Alejandro Rojas       | IEEE Chile Sur section                             | Chair                                                                                                  | 2023-2025              |
| Bizzarri Federico     | Nonlinear Circuits and Systems Technical Committee | Chair                                                                                                  | 2023-2025              |
| Comminiello Danilo    | IEEE CAS Chapter Central and South Italy           | Treasurer                                                                                              | 2023-2026              |
| Erivelton Nepomuceno  | Nonlinear Circuits and Systems Technical Committee | Chair-Elect                                                                                            | 2023-2025              |
| Erivelton Nepomuceno  | Maynooth University – IEEE Student Branch          | Counselor                                                                                              | 2023-present           |
| Hiroo Sekiya          | Chiba University                                   | CASS BoG                                                                                               | 2023-2025              |
| Kennedy Michael Peter | IEEE Awards Board                                  | Chair                                                                                                  | 2025                   |
| Ljiljana Trajkovic    | IEEE Election Oversight Committee                  | Chair; Past Chair                                                                                      | 2023-2024; 2025        |
| Ljiljana Trajkovic    | IEEE Brain Technical Community 2.0                 | Member, Steering Committee; Chair                                                                      | 2023-2024; 2025        |
| Ljiljana Trajkovic    | IEEE Canada                                        | Member, Awards and Recognition Committee                                                               | 2025                   |
| Ljiljana Trajkovic    | IEEE Canada                                        | Member, Audit Committee                                                                                | 2025                   |
| Psychalinos Costas    | IEEE CASS                                          | Chair of the IEEE Greece Section Circuits and Systems/Solid-State Circuits Joint Chapter (CAS04/SSC37) | May 2024-December 2025 |

4. TC Significant Technical Leadership and Innovations

Members are invited to suggest or highlight any initiatives they have undertaken or been involved in that may be considered consistent with the objectives of the Technical Committee.

NOTICE: This section will be reviewed and approved by the TC Officers. You may add or remove rows as needed.

|                                   |                                                                                                                                                                                                                                                       |  |  |  |  |
|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|
| Suggested/Highlighted by          | (1) Established/organized new CASS journals/conferences/workshops                                                                                                                                                                                     |  |  |  |  |
|                                   | Please include title, scope, status (e.g., submissions, published papers)                                                                                                                                                                             |  |  |  |  |
|                                   |                                                                                                                                                                                                                                                       |  |  |  |  |
|                                   |                                                                                                                                                                                                                                                       |  |  |  |  |
| Suggested/Highlighted by          | (2) Organized special issues in CASS journal, special sessions/tutorials in CASS conferences, satellite workshops, CASS seasonal schools, CASS industrial forums, or CASS competitions                                                                |  |  |  |  |
|                                   | Please include title, the guest editors/organizers, the year, and the month, the number of submissions, the number of papers published, and the impacts (e.g., the total number of citations/full text views so far or the total number of attendees) |  |  |  |  |
| Di He                             | ISCAS 2025 Special Session "Optical Wireless Communication & Sensing Technologies for Coming of All-Photonics Networks Era Session" (5 accepted papers)                                                                                               |  |  |  |  |
| Bizzarri Federico and Tse Michael | ISCAS2025 - Special session organizer "Power-electronics-penetrated green-power grids from the nonlinear circuits and systems perspective" (12 submissions - 6 accepted papers)                                                                       |  |  |  |  |
| Suggested/Highlighted by          | (3) Organized new CASS initiatives                                                                                                                                                                                                                    |  |  |  |  |
|                                   | Please provide any relevant details                                                                                                                                                                                                                   |  |  |  |  |
|                                   |                                                                                                                                                                                                                                                       |  |  |  |  |
| Kennedy Michael Peter             | Industry Track at ISCAS 2025                                                                                                                                                                                                                          |  |  |  |  |
| Suggested/Highlighted by          | (4) Established cross-TCs/SIGs (Special Interest Groups) collaborations                                                                                                                                                                               |  |  |  |  |
|                                   | Please provide any relevant details                                                                                                                                                                                                                   |  |  |  |  |
|                                   |                                                                                                                                                                                                                                                       |  |  |  |  |
|                                   |                                                                                                                                                                                                                                                       |  |  |  |  |
| Suggested/Highlighted by          | (5) Awards received by the TC/SIG or the TC/SIG members                                                                                                                                                                                               |  |  |  |  |
|                                   | Please provide any relevant details                                                                                                                                                                                                                   |  |  |  |  |
| Kennedy Michael Peter             | 2024 International Solid-State Circuits Conference Award for Outstanding Forum Presenter (presented at ISSCC 2025, February 2025)                                                                                                                     |  |  |  |  |

5. New plans for the next year

Are there any new initiatives, workshops, journal special issues, conference special sessions, etc., that your TC or TC members are planning for the next year?

None