



2024 Annual Report (June 2023 – May 2024)

Special Interest Group on **AgriFood Electronics**

IEEE Circuits and Systems Society

Chairman: Victor Grimblatt
Chair-Elect: Danilo Demarchi
Secretary: Francois Rivet

1. Technical Committee/Special Interest Group Meeting(s)

The Electronics for Agrifood SIG was created in July 2021.

The meeting organized during the past reporting period is:

- 2023 IEEE International Symposium on Circuits and Systems (ISCAS 2023), Monterey, California, USA. Monday 22nd of May. 15 in-person and 19 remote attendees.

2. Voting Members

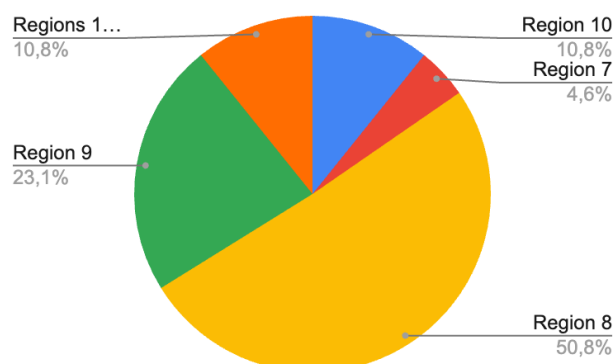
FirstName	LastName	Affiliation	Email	IEEE Grade	IEEE Region
Jalaja		Bangalore Institute of Technology	jalajas@ieee.org	Member	Region 10 (Asia/Pacific)
George	ARCHBOLD	Universidad Javeriana	george.archbold@ieee.org	Member	Region 9 (Central/South America)
Alfredo	ARNAUD	Universidad Católica del Uruguay	alfrarnaud@gmail.com	Senior Member	Region 9 (Central/South America)
Andrea	BONI	University of Parma	andrea.boni@unipr.it	Member	Region 8 (Europe/Africa, Middle East)
Alper	BOZKURT	North Carolina State University	aybozkur@ncsu.edu	Senior Member	Regions 1 – 6 (U.S.A.)
Davide	BRUNELLI	University of Trento	davide.brunelli@unitn.it	Member	Region 8 (Europe/Africa, Middle East)
Hugo	BURGOS	Universidad San Francisco de Quito	hburos@usfq.edu.ec	Member	Region 9 (Central/South America)
Marco	CARMINATI	Politecnico di Milano	marco1.carminati@polimi.it	Senior Member	Region 8 (Europe/Africa, Middle East)
Mario	CASU	Politecnico di Torino	mario.casu@polito.it	Senior Member	Region 8 (Europe/Africa, Middle East)
Alfonso	CHACON RODRIGUEZ	Tecnologico de Costa Rica	alchacon@tec.ac.cr	Member	Region 9 (Central/South America)
Zhongyang (Z.-Y.)	CHENG	Auburn University	chengzh@auburn.edu	Member	Regions 1 – 6 (U.S.A.)
Marcello	COPPOLA	ST Microelectronics	marcello.coppola@st.com	No	Region 8 (Europe/Africa, Middle East)
Danilo	DEMARCHI	Politecnico di Torino	danilo.demarchi@polito.it	Senior Member	Region 8 (Europe/Africa, Middle East)
Tarek	DJERAFI	INRS	tarek.djerafi@inrs.ca	Senior Member	Region 7 (Canada)
Franco	FASSIO	University of Gastronomic Sciences	f.fassio@unisg.it	No	Region 8 (Europe/Africa, Middle East)
Paddy	FENCH	Delft university of Technology	p.j.french@tudelft.nl	Member	Region 8 (Europe/Africa, Middle East)
Umberto	GARLANDO	Politecnico di Torino	umberto.garlando@polito.it	Member	Region 8 (Europe/Africa, Middle East)
Randall	GEIGER	Iowa State University	rlgeiger@iastate.edu	Member	Regions 1 – 6 (U.S.A.)
Stefano	GREGORI	University of Guelph	sgregori@uoguelph.ca	Member	Region 7 (Canada)
Victor	GRIMBLATT	Synopsys	victor.grimblatt@synopsys.com	Senior Member	Region 9 (Central/South America)
Luc	HEBRARD	Univ. Strasbourg	luc.hebrard@unistra.fr	Member	Region 8 (Europe/Africa, Middle East)

Pietro	IBBA	Free University of Bolzano-Bozen	pietro.ibba@natec.unibz.it	Member	Region 8 (Europe/Africa, Middle East)
Arys	INDIRA CARRASQUILLA	Tecnologico de Costa Rica	acarrasquilla@tec.ac.cr	Member	Region 9 (Central/South America)
Alex	JAMES	Digital University Kerala	api@ieee.org	Member	Region 10 (Asia/Pacific)
Colleen	JOSEPHSON	University of California, Santa Cruz	cjosephson@ucsc.edu	Member	Regions 1 – 6 (U.S.A.)
Sakthidasan	KALIDASAN	University of Utah	sakthidasan.kalidasan@utah.edu	Member	Regions 1 – 6 (U.S.A.)
Roberto	LA ROSA	ST Microelectronics	roberto.larosa@st.com	Member	Region 8 (Europe/Africa, Middle East)
Daniel	LAI	Deakin University	Daniel.Lai@deakin.edu.au	Member	Region 10 (Asia/Pacific)
Wei-Jen	LEE	The University of Texas at Arlington	wlee@uta.edu	Member	Regions 1 – 6 (U.S.A.)
Morgan	MADEC	Univ. Strasbourg	morgan.madec@unistra.fr	No	Region 8 (Europe/Africa, Middle East)
Shubhankar	MAJUMDAR	National Institute of Technology Meghalaya	shubuit@gmail.com	Senior Member	Region 10 (Asia/Pacific)
Fidel	MAKATIA	Kenyatta University	fidelmakatia85@gmail.com	Member	Region 8 (Europe/Africa, Middle East)
Shadrack	MAMBO	Walter Sisulu University	smambo@wsu.ac.za	Senior Member	Region 8 (Europe/Africa, Middle East)
Ricardo-Franco	MENDOZA-GARCIA	ANCESTRAL Technologies	franco@ancestraltech.com	Member	Region 9 (Central/South America)
Oswaldo	MENENDEZ	Universidad Andres Bello	oswaldo.menendez@unab.edu.ve	No	Region 9 (Central/South America)
Matias	MIGUEZ	Universidad Católica del Uruguay	mmiquez@ucu.edu.uy	Member	Region 9 (Central/South America)
Muhammad Sarmad Shahab	MIR	Institutos Madriñe de Estudios Avanzados	sarmad.mir@imdea.org	Member	Region 8 (Europe/Africa, Middle East)
Paolo	MOTTO ROS	Politecnico di Torino	paolo.mottoros@polito.it	Member	Region 8 (Europe/Africa, Middle East)
Carlos	MUÑOZ	Universidad de las Fronteras	carlos.munoz@ufrontera.cl	Member	Region 9 (Central/South America)
José	NACIF	Universidade Federal de Viçosa	jnacif@ufv.br	Member	Region 9 (Central/South America)
Temitope	ODEDEYI	University College London	t.odedeyi@ucl.ac.uk	Member	Region 8 (Europe/Africa, Middle East)
Stefano	OLCESE	Plug and Play Tech Center	solcese92@gmail.com	No	Region 8 (Europe/Africa, Middle East)
Alvaro	PARDO	Universidad Católica del Uruguay	apardo@ucu.edu.uy	Member	Region 9 (Central/South America)
Charalampos	PATSIANOTAKIS	MACC	cpatsianotakis@outlook.com.gr	Member	Region 8 (Europe/Africa, Middle East)
Roberto	PERSIVALE	GoMicro	rpersivale@gmail.com	No	Region 9 (Central/South America)
Luisa	PETTI	Free University of Bolzano-Bozen	luisa.petti@unibz.it	Member	Region 8 (Europe/Africa, Middle East)
David	POLESE	Consiglio Nazionale delle Ricerche	david.polese@cnr.it	No	Region 8 (Europe/Africa, Middle East)
Renato	RIMOLO DONARIO	Tecnologico de Costa Rica	rrimolo@tec.ac.cr	Senior Member	Region 9 (Central/South America)
Francois	RIVET	Univ. Bordeaux	francois.rivet@ims-bordeaux.fr	Senior Member	Region 8 (Europe/Africa, Middle East)
Mohammad	RUSSEL	Dalian University of Technology	mrussel@dlut.edu.cn	Senior Member	Region 10 (Asia/Pacific)
Aberto	SANCHEZ	Universidad San Francisco de Quito	asanchez@usfq.edu.ec	Senior Member	Region 9 (Central/South America)
Mihai	SANDULEANU	Khalifa University of Science and Technology	mihai.sanduleanu@ku.ac.ae	Senior Member	Region 8 (Europe/Africa, Middle East)
Alessandro	SANGINARIO	Politecnico di Torino	alessandro.sanginario@polito.it	Member	Region 8 (Europe/Africa, Middle East)
Emilio	SARDINI	University of Brescia	emilio.sardini@unibs.it	Member	Region 8 (Europe/Africa, Middle East)

Mauro	SERPELLONI	University of Brescia	mauro.serpelloni@unibs.it	Member	Region 8 (Europe/Africa, Middle East)
Lei	SHU	Nanjing Agricultural University	lei.shu@qq.com	Senior Member	Region 10 (Asia/Pacific)
Marios	SOPHOCLEOUS	eBOS Technologies Ltd & Tel Aviv University	Marioss@ebos.com.cy	Member	Region 8 (Europe/Africa, Middle East)
Julio	TORRES-TELLO	University of Saskatchewan	jwt804@usask.ca	Member	Region 7 (Canada)
Daniele	TRINCHERO	Politecnico di Torino	daniele.trinchero@polito.it	Member	Region 8 (Europe/Africa, Middle East)
Jai Narayan	TRIPATHI	Indian Institute of Technology Jodhpur	jai@iiti.ac.in	Member	Region 10 (Asia/Pacific)
Maria	TROCAN	ISEP	maria.trocan@isep.fr	Member	Region 8 (Europe/Africa, Middle East)
Wilfried	UHRING	Univ. Strasbourg	wilfried.uhring@unistra.fr	No	Region 8 (Europe/Africa, Middle East)
Daoud	URDU	Wageningen University & Research	daoud.urdu@wur.nl	No	Region 8 (Europe/Africa, Middle East)
Marilyn	WOLF	University of Nebraska	mwolf@unl.edu	Life Fellow	Regions 1 – 6 (U.S.A.)
Sjaak	WOLFERT	Wageningen University & Research	sjaak.wolfert@wur.nl	No	Region 8 (Europe/Africa, Middle East)

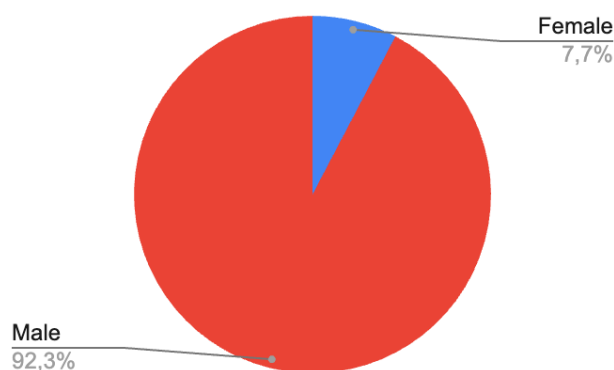
Geographical distribution of TC/SIG members (percentage of total)

	2023
Total number of TCs	65
Regions 1 – 6 (U.S.A.)	10,77%
Region 7 (Canada)	4,62%
Region 8 (Europe/Africa, Middle East)	50,77%
Region 9 (Central/South America)	23,08%
Region 10 (Asia/Pacific)	10,77%



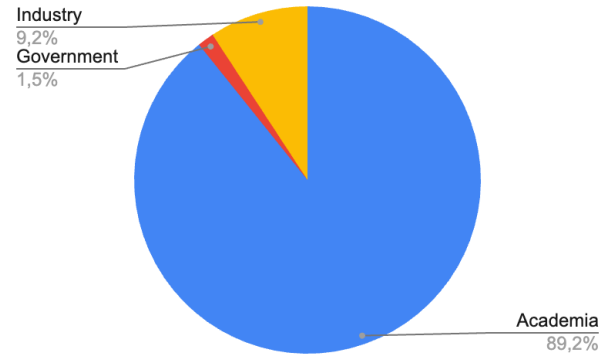
Gender distribution of TC/SIG members (percentage of total)

	2023
Total number of TCs	65
Male	92,31%
Female	7,69%



Distribution of TC/SIG members by affiliation (percentage of total)

	2023
Total number of TCs	65
Academia	89,23%
Industry	9,23%
Government	1,54%



3. Accomplished Technical Activities

3.1. IEEE Conference/Event organizations

Conferences and events financially sponsored by the CAS Society

Your Name	Conference Sponsors	Conference/Event Title	Your Role
Danilo DEMARCHI	CASS, Sensor Council, IMS, CFRID	CAFE 2023	General Chair
Victor GRIMBLATT	CASS, Sensor Council, IMS, CFRID	CAFE 2023	General Chair
Paolo MOTTO ROS	CASS, Sensor Council, IMS, CFRID	CAFE 2023	Publication Chair
Luisa PETTI	CASS, Sensor Council, IMS, CFRID	CAFE 2023	Special Session Chair
Alessandro SANGINARIO	CASS, Sensor Council, IMS, CFRID	CAFE 2023	Special Session Chair
Victor GRIMBLATT	CASS, Sensor Council, IMS, CFRID	CAFE 2023	Steering Committee
Francois RIVET	CASS, Sensor Council, IMS, CFRID	CAFE 2023	TPC Chair
Matias MIGUEZ	CASS, Sensor Council, IMS, CFRID	CAFE 2023	TPC Chair
Temitope ODEDEYI	CASS, Sensor Council, IMS, CFRID	CAFE 2023	TPC member
Alfredo ARNAUD	CASS, Sensor Council, IMS, CFRID	CAFE 2023	TPC member
Jai Narayan TRIPATHI	CASS, Sensor Council, IMS, CFRID	CAFE 2023	TPC member
Aberto SANCHEZ	CASS, Sensor Council, IMS, CFRID	CAFE 2023	TPC member
George ARCHBOLD	CASS, Sensor Council, IMS, CFRID	CAFE 2023	TPC member
Marco CARMINATI	CASS, Sensor Council, IMS, CFRID	CAFE 2023	TPC member
Morgan MADEC	CASS, Sensor Council, IMS, CFRID	CAFE 2023	Track Chair
Umberto GARLANDO	CASS, Sensor Council, IMS, CFRID	CAFE 2023	Track Chair
Mario CASU	CASS, Sensor Council, IMS, CFRID	CAFE 2023	Track co-Chair
José NACIF	CASS, Sensor Council, IMS, CFRID	CAFE 2023	Track co-Chair
Marios SOPHOCLEOUS	CASS, Sensor Council, IMS, CFRID	CAFE 2023	Organizing Committee
Marios SOPHOCLEOUS	CASS, Sensor Council, IMS, CFRID	CAFE 2024	General Chair
Alex JAMES	CASS	APCCAS 2023	TPC Chair
Jai Narayan TRIPATHI	CASS	APCCAS 2023	TPC member
Francois RIVET	CASS	ICECS 2023	Steering Committee
Morgan MADEC	CASS	ICECS 2024	Financial Chair

Luc HEBRARD	CASS	ICECS 2024	Publication Chair
Victor GRIMBLATT	CASS	EMC2 2023	General Chair
Victor GRIMBLATT	CASS	IEEE CASS Tour Region 9	Organizing Committee
Alfredo ARNAUD	CASS	IEEE CASS Tour Region 9	Organizing Committee
Temitope ODEDEYI	CASS	ISCAS 2024	Others
Alex JAMES	CASS	ISCAS 2024	Special Session Chair
Victor GRIMBLATT	CASS	ISCAS 2024	TPC Chair
Alfredo ARNAUD	CASS	ISCAS 2024	TPC member
Francois RIVET	CASS	ISCAS 2024	Tutorial Chair
Alex JAMES	CASS	ISICAS 2024	TPC Chair
Matias MIGUEZ	CASS	LASCAS 2024	General Chair
Alfredo ARNAUD	CASS	LASCAS 2024	Special Session Chair
Francois RIVET	CASS	LASCAS 2024	Steering Committee
Victor GRIMBLATT	CASS	LASCAS 2024	Steering Committee
Alfredo ARNAUD	CASS	LASCAS 2024	Steering Committee
Alex JAMES	CASS	MWCAS 2023	Track Chair
Luc HEBRARD	CASS	NEWCAS 2023	Steering Committee
Marco CARMINATI	CASS	NEWCAS 2023	Awards Co-Chair
Wilfried UHRING	CASS	NEWCAS 2023	Steering Committee
Danilo DEMARCHI	CASS	BioCAS 2023	General Chair

Conferences and events technically sponsored by the CAS Society

Your Name	Conference Sponsors	Conference/Event Title	Your Role
Marilyn WOLF	CASS	ESWeek	Co-founder
José NACIF	CASS	SBCCI 2023	Track Chair
José NACIF	CASS	SBCCI 2024	TPC Chair
Andrea BONI	CASS	SMACD 2023	TPC member
Andrea BONI	CASS	SMACD 2024	TPC member
Luc HEBRARD	CASS, Sensor Council	IEEE Sensor 2023	Others
Davide BRUNELLI	CASS, Sensor Council	MetroAgriFor 2024	TPC Chair

3.2. IEEE Journal Editorships:

Journals sponsored by the CAS Society

Your Name	Journal Sponsors	Journal Title	Your Role
Danilo DEMARCHI	CASS, Sensor Council, CFRID	TAFE	Editor in chief
Francois RIVET	CASS, Sensor Council, CFRID	TAFE	Associate editor
Davide BRUNELLI	CASS, Sensor Council, CFRID	TAFE	Associate editor
Luisa PETTI	CASS, Sensor Council, CFRID	TAFE	Associate editor
Mario CASU	CASS, Sensor Council, CFRID	TAFE	Associate editor
Roberto LA ROSA	CASS, Sensor Council, CFRID	TAFE	Associate editor
Marios SOPHOCLEOUS	CASS, Sensor Council, CFRID	TAFE	Associate editor

Paolo MOTTO ROS	CASS, Sensor Council, CFRID	TAFE	Associate editor
Andrea BONI	CASS, Sensor Council, CFRID	TAFE	Associate editor
Colleen JOSEPHSON	CASS, Sensor Council, CFRID	TAFE	Associate editor
Matias MIGUEZ	CASS, Sensor Council, CFRID	TAFE	Associate editor
Marco CARMINATI	CASS, Sensor Council, CFRID	TAFE	Associate editor
George ARCHBOLD	CASS, Sensor Council, CFRID	TAFE	Reviewer
José NACIF	CASS, Sensor Council, CFRID	TAFE	Reviewer
Victor GRIMBLATT	CASS, Sensor Council, CFRID	TAFE	Steering committee
Temitope ODEDEYI	CASS, Sensor Council, CFRID	TAFE	Others
Aberto SANCHEZ	CASS, Sensor Council, CFRID	TAFE	Others
Alex JAMES	CASS	TCAS-I	Associate editor
Victor GRIMBLATT	CASS	TCAS-I	Associate editor
Lei SHU	CASS	TCAS-II	Associate editor
Mario CASU	CASS	TCAS-II	Guest editor
Alex JAMES	CASS	OJCAS	Associate editor in chief
Alex JAMES	CASS	TBioCAS	Associate editor
Paolo MOTTO ROS	CASS	TBioCAS	Associate editor
Marco CARMINATI	CASS	TBioCAS	Associate editor
Marilyn WOLF	CASS	TVLSI	Editor in chief
Mohammad RUSSEL	CASS, Sensor Council	IEEE Sensor Journal	Associate editor
Marios SOPHOCLEOUS	CASS, Sensor Council, IMS	Sensors Letters	Associate editor
Marios SOPHOCLEOUS	CASS, Sensor Council, IMS	Sensors Letters	Review editor

3.3. Awards, Honors, and Recognition

Your Name	Awards / Honors / Recognition	Period
Roberto LA ROSA	Thomas Gessner Award	2023
Alex JAMES	IEEE CASS Outreach Award - Making CASS inclusive workshop series	2023
Alex JAMES	IEEE CASS Educational Initiatives (5 courses)	2023
Victor GRIMBLATT	IEEE R9 Outstanding Engineer	2023
Shubhankar MAJUMDAR	2nd Runner Up in the 2023 IEEE DataPort Climate Change Dataset Upload Contest	2023
Daniilo DEMARCHI	IEEE CAS Distinguished Lecturer	2023-2024
Temitope ODEDEYI	Royal Academy of Engineering Research Fellowship	2023-2025
Alex JAMES	IEEE CASS Distinguished Lecturer	2024-2025

3.4. Keynote Speeches/Invited Talks:

Your Name	Invited by	Event/Conference Title	Talk Title	Date
Daniilo DEMARCHI	Organisers	Keynote/LASCAS 23	Let the Plants Do the Talking: Smart Agriculture by the messages received from Plants and Soil	06/2023
Luisa PETTI	MRS Spring 2023	Invited talk		06/2023
Davide BRUNELLI	STMicroelectronics	Invited talk	Green technologies for Smart Agriculture	06/2023
Sjaak WOLFERT	IICA	Semana de la Agricultura Digital - invited Keynote	Digital Innovation in Agri-Food - An integrated socio-economic and technological approach	06/2023
Marco CARMINATI	Organisers	Tutorial Speaker/ISCAS2023	Charge and Current Sensing Analog Design: from Front-End to In-Sensor Machine Learning	06/2023

Victor GRIMBLATT	organisers	MPSoc23	The Impact of Climate Change in Agriculture and The Impact of Agriculture in Climate Change – How electronics and tech. can help to mitigate it?	06/2023
Colleen JOSEPHSON	WAFE organizer	Workshop Agrifood Electronics, WAFE 2023.	IoT for Agribusiness.	06/2023
Alfredo ARNAUD	Universidad Iberoamericana, México	Invited Talk, Workshop agrifood& technology	RFID & IoT for Agrifood	06/2023
Victor GRIMBLATT	EDS	LAEDC 2023	Agribusiness Impact on Climate Change and Climate Change Impact on Agribusiness	07/2023
Marcello COPPOLA	organisers	MPSOC22	Towards digital agriculture: applying the IIoT paradigm	07/2023
Colleen JOSEPHSON		UW CSE MSR Summer Institute on Rural Computing	Tale of Two Electrodes: Microbial Fuel Cells to Power Sustainable Agriculture	08/2023
Roberto LA ROSA	Organisers	Invited talk / IEEE IAFE 2023	Energy-Autonomous and Maintenance-Free Wireless Systems in AgriFood Electronics: Progress and Importance	09/2023
Marcello COPPOLA	Organisers	European Conference on EDGE AI Technologies and Applications – EEAI	Energy Efficient Deep-Edge Computing through Hardware Machine Learning.	09/2023
Victor GRIMBLATT	SSIT	ISTAS23	IEEE Societies: Addressing Climate Change Challenges	09/2023
Victor GRIMBLATT	SSCS	ICs Addressing Societal Grand Challenges: Sustainability and Climate Change, Hosted By IEEE Solid-State Circuits Directions	The Impact of Climate Change in Agriculture and The Impact of Agriculture in Climate Change – How electronics and technology can help to mitigate it?	09/2023
Marcello COPPOLA	organisers	IAFE Industry Forum (Industry for AgriFood Electronics)	AI in AgriFood Electronics	09/2023
		Keynote Speaker for John McCarthy AI Summer School	Sustainability, Agriculture and Technology: Sensing Our Path to a Greener Future	09/2023
Roberto LA ROSA	Organisers	Invited talk webinar: 3rd International Congress From Plant Health To Community Health: How Smart Sensors Can Improve It	Improving Plant Health with Smart Autonomous Sensors	10/2023
Danilo DEMARCHI	Organisers	Keynote/MetroAgriFor 23	Let the Plants Do the Talking: Smart Agriculture by the messages received from Plants and Soil	11/2023
Danilo DEMARCHI	Organisers	Keynote/ASICON 2023	Let the Plants Do the Talking: Smart Agriculture by the messages received from Plants and Soil	11/2023
Danilo DEMARCHI	Organisers	Keynote/IEEE World Forum on IoT 2023	Let the Plants Do the Talking: Smart Agriculture by the messages received from Plants and Soil	11/2023
Danilo DEMARCHI	Organisers	Keynote/OFCCT 2023	Climate-Smart Agriculture for Food Security	11/2023
Danilo DEMARCHI	Organisers	Mini-Keynote/EMC2 2023	Climate-Smart Agriculture for Environment Care	11/2023
Mohammad RUSSEL	Organisers	China University of Geosciences, Beijing, China/Invited talk	Microwave sensor measurement system could be a smart approach to monitoring the current environmental challenge	11/2023
Victor GRIMBLATT	IEEE Colombia	C3 2023	The Impact of Climate Change in Agriculture and The Impact of Agriculture in Climate Change – How electronics and technology can help to mitigate it?	11/2023
Victor GRIMBLATT	CASS	EMC2 2023	The Impact of Climate Change in Agriculture and The Impact of Agriculture in Climate Change – How electronics and technology can help to mitigate it?	11/2023
Luisa PETTI	Elfo winter school	Invited talk	Sustainable sensors for a more sustainable world	12/2023
Sjaak WOLFERT	European Commission	EU AGRI-Digital Conference - Inspirational Speech	Digitalisation for sustainability: policy support	12/2023
Colleen JOSEPHSON		UT Austin, Iowa State, UMass Amherst	Wireless communication and sensing for a greener future	12/2023
Alfredo ARNAUD	IEEE CASS Rio Grande do Sul Chapter	IEEE CASS RS Talks 2023	IoT within the Agribusiness Industries	12/2023
Mohammad RUSSEL	Organisers	Howard University, Washington D.C., USA./Invited talk	Towards the Green Sustainable Algae-Bacteria combine approach to deal current water quality challenges	02/2024
Shubhankar MAJUMDAR	Organisers	Faculty Development Programme on "Advancement in VLSI Design and its Applications"	Development of low power sensors for agriculture	02/2024

Sjaak WOLFERT	Organisers	IGLS Forum 2024 - Invited keynote	Digital innovation is not about technology but how we organize it – design principles for digital innovation ecosystems	02/2024
Wilfried UHRING	Organisers	SPIE PHOTONICS EUROPE	High-speed imaging, history and state of the art	04/2024
Lei SHU	Tropical Science Foundation	Invited talk	Smart farming: Adoption of Solar Insecticidal Lamps in the Tropics	04/2024
Marilyn WOLF	EPFL	Invited talk	AI for climate-smart agriculture	04/2024

3.5. Other distinguished IEEE services

Your Name	Organization	Position/Activities	Period
Lei SHU	IEEE IES TC on Cloud and Wireless Systems for Industrial Applications	Chair	2021-2022
Victor GRIMBLATT	CAS BoG	Member at Large	2021-2023
Aberto SANCHEZ	SC2023	Chair	2022-2023
Mohammad RUSSEL	Ec Pharmacology and toxicology journal,UK	Editorial board member	Active
Mohammad RUSSEL	Endeavour Energy Ltd .,NewZealand	Associate	Active
Alex JAMES	IEEE CASS Kerala	Execom and Advisor/Founding Chair	Active
Lei SHU	IEEE IES China Satellite TC on Smart Agriculture and Forestry	Chair	Active
Lei SHU	IEEE IES Nanjing Chapter	Vice Chair	Active
Mario CASU	IEEE NorCAS	TPC member	Active
Marco CARMINATI	IEEE NPSS Italy Chapter	Secretary	Active
Mohammad RUSSEL	IEEE Sensor Journal	Associate editor	Active
Jai Narayan TRIPATHI	IEEE Transactions on Components, Packaging and Manufacturing Technology	Associate Editor	Active
Jai Narayan TRIPATHI	IEEE Transactions on Signal and Power Integrity	Associate Editor	Active
Mohammad RUSSEL	Iraqi Journal of Civil engineering	Associate editor	Active
Marilyn WOLF	Workshop on Machine Learning for CAD	Steering committee	Active
Victor GRIMBLATT	CAS Chile	Chapter chair	2023
Mauro SERPELLONI	IEEE Metroind4,0	General Chair	2023
Alfredo ARNAUD	IEEE R9, TEMS	IEEE IoT&AI challenge (student contest) steering committee	2023
Alfredo ARNAUD	IEEE Uruguay Section	Steering committee	2023-2024
Aberto SANCHEZ	R9 NoticieEEero	EiC	2023-2024
Victor GRIMBLATT	Special Issue on Sensors for Sustainable Future	Associate Editor	2023-2024
Francois RIVET	IEEE France Section	VP Conferences	2023-2025
Mario CASU	Design Automation and Test in Europe (DATE)	Topic Chair	2023-present
Alex JAMES	IEEE CASS DUK Branch	Branch councillor	2023-present
Alex JAMES	IEEE Consultants Network Kerala	Vice Chair	2023-present
Alex JAMES	IEEE CTSoc Machine learning, Deep learning and AI in CE (MDA)	Vice Chair	2023-present
Jai Narayan TRIPATHI	IEEE Electromagnetic Magazine	Associate Editor	2023-present
Marilyn WOLF	IEEE Transactions on CAD	Associate Editor	2023-present
Shubhankar MAJUMDAR	Opening of MTT Student Chapter Chair	Faculty Incharge for Chapter Chair	2023-present
George ARCHBOLD	R9, IEEE CASS Colombian Caribbean Chapter	Secretary	2023-present
Aberto SANCHEZ	PSPB	Board Member	2024
Francois RIVET	CAS BoG	Member at Large	2024-2025
Shubhankar MAJUMDAR	Petition submitted for opening of CAS Student Chapter Chair	Faculty Incharge for Chapter Chair	2024-present

4. TC Significant Technical Leadership and Innovations

The 2 most significant activities in the past year are:

1. Organization of the 1st IEEE Conference on AgriFood Electronics (CAFE), Torino (Italy), 25-27 September 2023
 - a. 67 submissions
 - b. 40 papers accepted
 - c. 4 citations at March 2024
 - d. 75 attendees
2. Organization of the CASIF Forum Industry for AgriFood Electronics (IAFE), Torino (Italy), 27 September 2023
 - a. 16 talks
 - b. 60 attendees

5. New plans for the next year

The new initiatives planned for the next year are

- Special Issue in IEEE TAFE from papers of CAFE 2023 Conference,
- Special Issue in IEEE TAFE from papers of MetroAgriFor 2023 Conference
- Organization of CAFE 2024 in Xanthi (Greece), 26-28 September 2024
- Organization of IAFE 2024 in Xanthi (Greece), 28 September 2024
- Agribusiness CASIF in Colombia