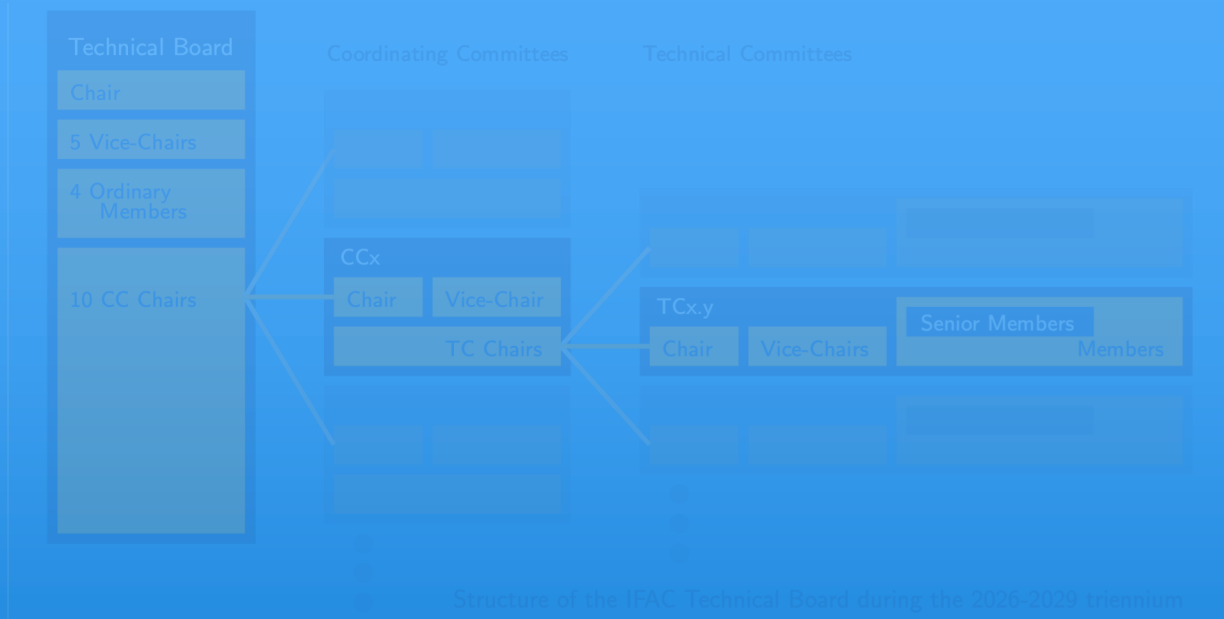




TC/CC Chair Training Session

C. Pereira (outgoing) H. Ishii (incoming) TB Chairs

Busan, 25 August 2026, 1-3pm

***1* IFAC in a nutshell:** mission, goals, structure, activities, conferences

***2* Technical Committees:** members and tasks

***3* Technical Board:** coordination committees and board decisions

***4* Interactions within IFAC:**

- Conference Board,
- Publications,
- Industry Committee,
- Education Activities Committee,
- Diversity and Inclusion Committee,
- Activity fund,
- Awards,
- Social Media Chair,
- Distinguished Lecturer Program
- Secretariat

Vision “worldwide federation for promoting automatic control for the benefit of humankind”

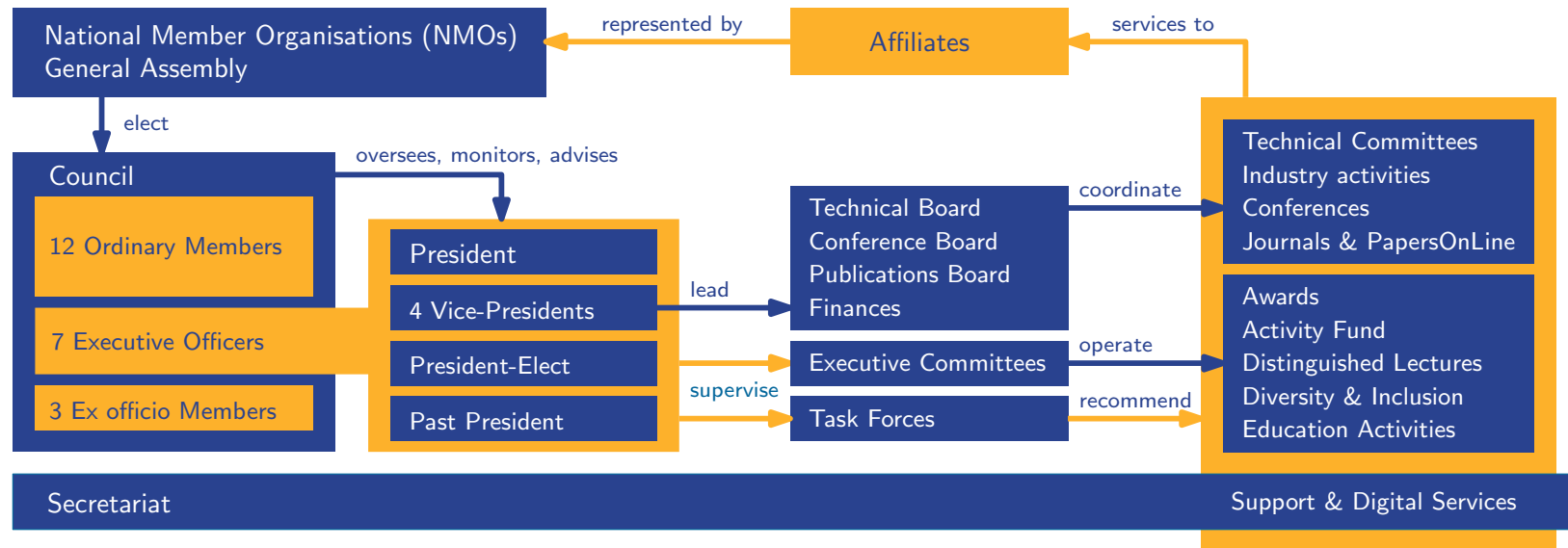
Mission “promote the science and technology of automatic control through technical meetings, publications and other means consistent with the goals and values of IFAC.”

Goals

- Organize and sponsor high-quality technical meetings that are relevant to the automatic control community
- Be a trusted source of publication material on automatic control renowned for its technical excellence
- Help create an environment within which the automatic control community can prosper
- Provide volunteers and staff with meaningful and rewarding opportunities for career-enhancing participation in the Federation
- Help promote the benefits of automatic control among the public at large

Values

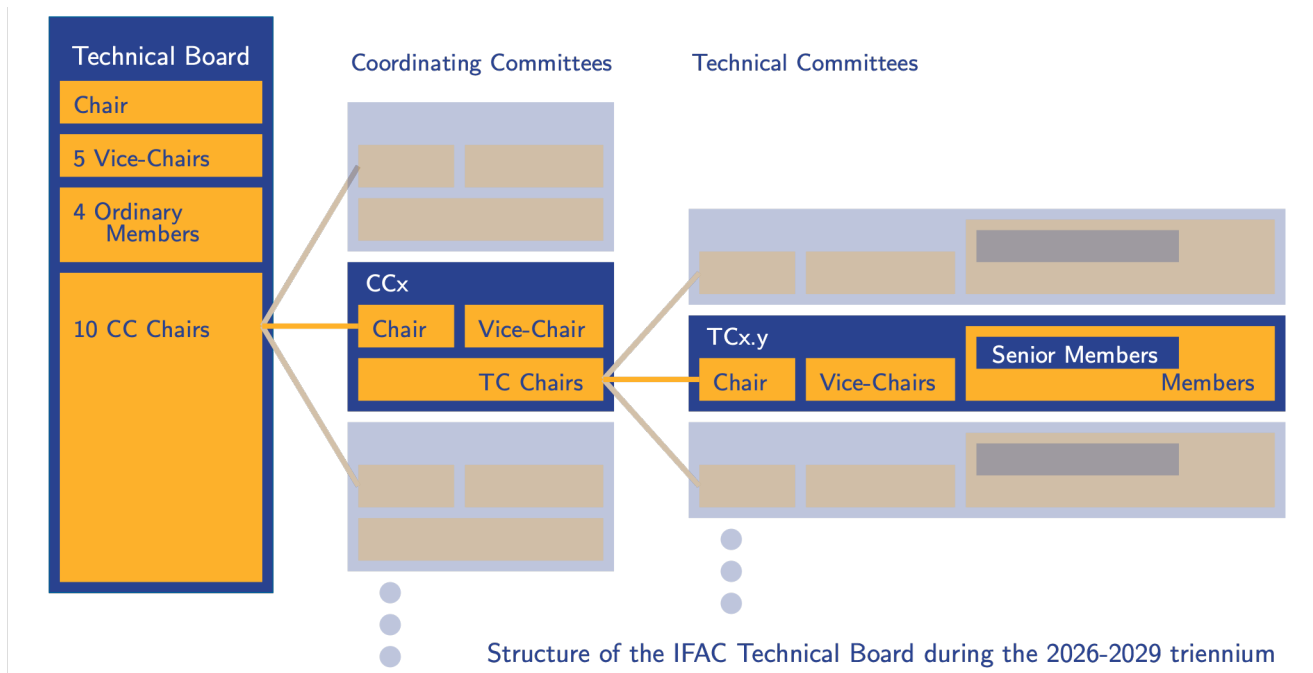
Honesty and Integrity; Excellence and Relevance; Sustainability; Diversity and Inclusivity



Structure of the International Federation of Automatic Control (IFAC) during the 2026-2029 triennium

- All people involved in the IFAC structure are IFAC Affiliates (affiliates.ifac-control.org)
- All IFAC officials follow the IFAC [Code of Conduct](#) and approve the [Inclusion and Diversity](#) statement
- All IFAC officials consider with care recommendations from the NMOs

2- Technical Committees in the Technical Board



2- Technical Committees membership time-line

6 months prior to WC: Incoming TC Chairs approved by outgoing TB

Prior to WC: Incoming TC Chairs nominate TC members among Affiliates

During WC: outgoing+incoming TC meeting – nominations of TC Vice-Chairs

6 months after WC: TC Chairs propose lists of TC Senior Members – CC Chairs nominate

TC Members

- Being active in the field covered by the TC. Attested by:
 - selected the TC related keywords in the Affiliates Portal,
 - participated to conferences or other events sponsored by the TC,
 - published papers in the topics covered by the TC,
 - member of the program committees of conferences sponsored by the TC.
- Representative of the IFAC diversity
 - countries/regions, career stage, academia and industry, gender, etc.

Nominated by the incoming TC Chair considering

- Advise from outgoing TC Chair
- Past TC Members
- Propositions from NMOs
- Introduce new people to IFAC activities (early career, industry, diversity ...)
- No limit, but should be reasonable w.r.t. number of IFAC Affiliates in the field

- **Vice-Chair for Education:**
Liaison with Education Activities Committee. Promote education activities.
- **Vice-Chair for Industry:**
Liaison with the Industry Committee. Encourage industry related activities.
Invite people in Industry to become Affiliates and participate to the TC.
- **Vice-Chair for Publications:**
Interact with Publications liaison member of TB.
Promote submissions to IFAC journals. Encourage TC related special issues.
- **Vice-Chair for Social Media:**
Interact with the Social Media liaison member of the Technical Board.
Transfer content about TC activities to Secretariat for publication in the IFAC media.
Post autonomously in the social media according to the IFAC Social Media strategy.
- **Other Vice-Chairs as needed**

New: starting from 2026

TC Senior Members

- Being highly active in the field covered by the TC and its activities, for a significant period of time.
- Should be representative of IFAC diversity.

Proposed by incoming TC Chair, Nominated by the incoming CC Chair

- Advise from outgoing TC Chair
- Past TC Members
- Limited to 30% of the total number of Members of the TC

All IFAC roles (starting from TC Member) are

- Volunteer based
- Require being IFAC Affiliate (free)
- Provide access to a certificate (downloadable in the Portal)
- Engage to serve, follow the Code of Conduct and approve Inclusion and Diversity Statement

TC meetings

- At least once a year
- In presence or online (hybrid recommended)
- At the conference for which the TC is main sponsor
- At the World Congress
- With an agenda + outcomes distributed to TC Members
- Goal: Discussions about the TC activities (conferences, publications, etc.)
+ communication among Members (mailing list tc-x-y@lists.ifac-control.org)

Conferences

- IFAC Masterplan conferences: series of conferences
Each has one main sponsoring TC responsible for maintaining the series
- Other IFAC conferences: Select a main sponsoring TC and ask support of the TC
- IFAC co-sponsored conferences: Select a main sponsoring TC
- IFACx events: Domestic NMO supported, no TC involved

All Conferences (except IFACx) apply in the Affiliates Portal

- Application submitted by NOC chair
- Select a main sponsoring TC and co-sponsoring TCs
- Chairs of all selected TCs write an evaluation - Technical Board decides
- Conference organizers read and follow the Conference Organizers Guide

Evaluation

- Scope of the Conference aligned with TC scope
- IPC Chair/Members suitable for TC topics
- Usage of IFAC digital services (ifac.papercept.net, conferences.ifac-control.org, IFAC App)
- Comments on the Conference organization (dates, venue, fees etc.)

Examples of activities

- Workshops, invited sessions and open invited tracks at the World Congress,
- Articles in IFAC Newsletter (submitted to newsletter@ifac-control.org),
- Articles in IFAC webpages (dedicated access provided to Social Media Vice-Chairs),
- Posts in the IFAC social media,
- Publications in the IFAC YouTube Channel (eg. plenaries at Conferences, mini-courses...),
- Mails to the TC Members (tc-x-y@lists.ifac-control.org),
- Mails to all Affiliates interested in the TCs fields (submitted to Secretariat, max 2 per year),
- Overview, survey and outlook papers in IFAC Journals,
- Milestone reports shared with IFAC Affiliates,
- TC Awards,
- etc.

TC Activities are supported by the IFAC Activity fund.

Applications twice/year.

Annual report due in February

- Template provided in the Operating Guidelines
- Followed by CC and TB reports
- Reports presented to Council in summer
- Reports archived by Secretariat and available to next TC Chairs

Analyse the state-of-the-art and consider evolutions

Each TC is defined by

- Belongs to a CC
- A title
- A short text describing the scope
- A list of keywords

Revisions to be submitted in the February 2028 report

If approved by TB, shall apply for the 2029 World Congress

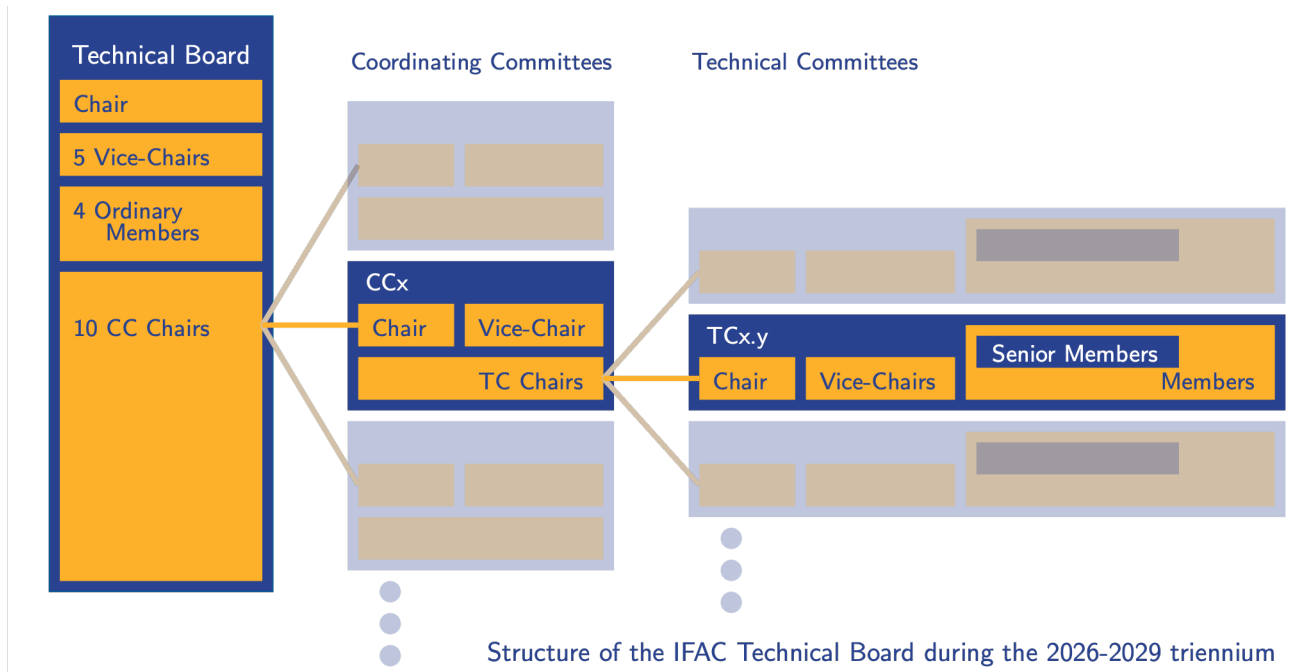
A new service in the Affiliates Portal will help in updating keywords

TC Chairs = Associate Editors for the World Congress

- Responsible for the review process of all papers with first keyword in the field of the TC
- Build TC related sessions in the Program

TC Members = Technical Associate Editors

- TAEs nominated among TC Members by the TC Chairs
- Nb of TAEs proportional to expected nb papers
- Handle the reviews of a limited number of papers



TB Chair = Vice-President for technical Activities

- Hideaki Ishii
- Supervision of all Technical Activities – reports to Council

TB Vice Chairs

- Laura Menini for coordination with CC ??
- (Samuel) Qing-Shan Jia for coordination with CC ??
- Yang Shi for coordination with CC ??
- Alex von Delft for Industry Activities
- Damiano Varagnolo for Education Activities

TB Members

- Rolf Findeisen TC and Conference Awards
- Hervé Panetto Liaison to Publications
- Elisa Negri Social Media
- Ming Cao

10 CC Chairs – Leadership, Coordination, Communication with TCs

CC1 Systems and Signals -- Alessandro Chiuso

- 1.1. Modelling, Identification & Signal Processing -- Maarten Schoukens
- 1.2. Adaptive and Learning Systems -- Bing Chu
- 1.3. Discrete Event and Hybrid Systems -- Joao Carlos Basilio
- 1.4. Stochastic Systems -- Feiqi Deng
- 1.5. Networked Systems -- Luca Schenato
- 1.6 Large Scale Complex Systems -- Xiaofan Wang

CC2 Design Methods -- Hiroshi Ito

2.1. Control Design -- Corrado Possieri

2.2. Linear Control Systems -- Elena Zattoni

2.3. Non-Linear Control Systems -- Mircea Lazar

2.4. Optimal Control -- Sergio Lucia

2.5. Robust Control -- Yoshio Ebihara

2.6. Distributed Parameter Systems -- Alessandro Macchelli

CC3 Computers, Cognition & Communication -- Kevin Guelton

3.1. Computers for Control -- Mike Barth

3.2. Computational Intelligence in Control -- Sean McLoone

3.3. Telematics: Control via Communication Networks -- Jean Philippe Georges

CC4 Mechatronics, Robotics & Components -- Reza Moheimani

4.1 Human Machine Systems -- Sören Hohmann

4.2. Mechatronic Systems -- Micky Rakotondrabe

4.3. Robotics -- Björn Hein

CC5 Cyber-Physical Manufacturing Enterprises -- Dmitry Ivanov

5.1. Manufacturing Plant Control -- Christos Emmanouilidis

5.2. Management and Control in Manufacturing and Logistics -- Fabio Sgarbossa

5.3. Integration and Interoperability of Enterprise Systems (I2ES) -- Pedro Ponce-Cruz

CC6 Process and Power Systems -- Jong Min Lee

6.1. Chemical Process Control -- Joel Paulson

6.2. Mining, Mineral & Metal Processing -- Kevin Brooks

6.3. Fault Detection, Supervision & Safety

of Techn.Processes-SAFEPROCESS -- Silvio Simani

CC7 Transportation & Vehicle Systems -- Roberto Galeazzi

7.1. Automotive Control -- Lars Eriksson

7.2. Marine Systems -- Andrea Monteriù

7.3. Aerospace -- Paolo Castaldi

7.4. Transportation Systems Mehmet -- Turan Soylemez

7.5. Intelligent Autonomous Vehicles -- Junmin Wang

CC8 Biological, Ecological and Environmental Systems -- François Pérés

8.1. Control in Agriculture -- Stavros Vougioukas

8.2. Biomedical Systems, Devices, and Solutions -- Balázs Benyó

8.3. Modelling & Control of Environmental Systems -- Carlo Novara

8.4. Biosystems and Bioprocesses -- Steffen Waldherr

CC9 Social Systems -- Fei-Yue Wang

9.1. Economic, Business, and Financial Systems -- Ying (Gina) Tang

9.2. Systems and Control for Societal Impact -- Yildiray Yildiz

9.3 Control for Smart Cities -- Xiaoyu Cao

9.4. Control Education -- José Luis Guzman

9.5. Technology, Culture and International Stability (TECIS) -- Brenda O'Neill

CC10 Power and Energy Systems -- Michela Robba

10.1. Power Systems and Power Electronics -- Sun Li

10.2. Energy Generation and Energy Systems -- Zita Vale

10.3. Smart Cities and Sustainability -- Raffaele Carli

CB Chair = Vice-President Conferences – Richard Braatz

CB includes the 10 CC Vice-Chairs

- CC1 VC Tiago Roux Oliveira
- CC2 VC Mario Sznaier
- CC3 VC Thierry-Marie Guerra
- CC4 VC Kyoungchul Kong
- CC5 VC Alexandre Dolgui
- CC6 VC Vicenç Puig
- CC7 VC Antonios Tsourdos
- CC8 VC Ronald van Nooijen
- CC9 VC Juanjuan Li
- CC10 VC Kwang Lee

Role: Liaison with the Conference NOC Chairs + Organization and Technical Quality control

For more information please attend CB meeting – Thursday 27 August 10-12am

PB Chair = Vice-President Publications – Biao Huang

Member: Hervé Panetto (PB liaison for Publications)

IFAC Journal Editors-in-Chief

Contact for special issues, Milestone reports, etc.

IFAC PapersOnLine Editor-in-Chief: José Luis Diez

Proceedings of all IFAC Conferences + some co-sponsored conferences

Important that Conference organizers follow detailed instructions

Electronic Media Editor: Elisa Negri (also TB member)

For Social Media + YouTube + IFAC Website

Editor Newsletter: Derik le Roux (also Secretary)

For Newsletter publications

For more information please attend PB meeting – Thursday 27 August 2-5pm

4- Interactions with Industry Committee

Industry Committee Chair (TB Vice Chair): Alex van Delft

Ex-officio at Council

Includes TC Vice Chairs for Industry + Many members (2/3 from industry)

Operates with Task Forces

For more information please attend TB meeting – Wednesday 26 August 10am-5pm

4- Interactions with Education Activities Committee

Education Activities Committee Chair (TB Vice Chair): Damiano Varagnolo

Ex-officio at Council

Interacts with TC Vice Chairs for Education Activities

For more information please attend TB meeting – Wednesday 26 August 10am-5pm

4- Interactions with Diversity and Inclusion Committee

Diversity and Inclusion Committee Chair: Charlotta Johnsson
Ex-officio at Council

For more information please attend Diversity and Inclusion Committee meeting
– Wednesday 26 August 4pm-6pm

Activity Fund Chair: Carlos Pereira

2 calls per year

80,000€ distributed each year

Applications with support of either TC Chairs or NMO representatives

IFAC Awards Committee Chair: Tamer Başar

IFAC Fellows + Major Medals + Textbook Prize + Outstanding Service Award
Journal Awards (by Elsevier) + Congress Prizes

TC and Conference Awards Chair: Rolf Findeisen (also TB member)

Young Author Conference Awards at all IFAC Conferences (except Workshops)
Guidelines to establish other Conference Awards
Guidelines to establish TC Awards

Social Media Chair: Elisa Negri

Interactions with the TC Vice-Chairs for Social Media

LinkedIn, BlueSky, X, Facebook, Instagram

IFAC Website

Support from external Company: Human Brand

4- Interactions with Distinguished Lecturer Program

Distinguished Lecturer Program Chair: Hyungbo Shim

List of top researchers

Can provide lectures in developing countries (eg. at IFAC or IFACx Conferences)

Partly funded by IFAC

Secretary: Derik Le Roux

Personnel at Secretariat: Kathi Willixhoffer and Elske Haberl

For any question or information: secretariat@ifac-control.org

Thank you for your valuable dedicated volunteer work as IFAC officials in 2026-2029 !