



# IEEE 802 EC ITU standing committee

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# July meeting plan

- **Wednesday, July 21<sup>st</sup>, 4-5 pm**
  - <https://ieeesa.webex.com/ieeesa/j.php?MTID=m4b997ee0ace0856d6a4d1c0fdbca3f61>
- **Update on IEEE-SA BOG activities with ITU**
- **Review outcome of past meetings**
  - ITU-R RAG - Apr 2021
  - ITU WSIS 2021 – May 2021
  - ITU Council – June 2021
- **Review future meetings**
  - ITU-T TSAG – Oct 2021
  - ITU WTPF – Dec 2021
  - ITU-T WTSA – Mar 2022
  - ITU-D WTDC – Jun 2022

# Role of the ITU standing committee

# Objective

- Provide IEEE 802 input into IEEE-SA engagements with ITU
- Receive updates on IEEE-SA engagements with ITU
- Do not interfere with existing technical liaisons to ITU-T (e.g., in 802.1, 802.3)
- Do not interfere with existing regulatory and technical liaisons with ITU-R (e.g., in 802.18)

# LMSC P&P section 5.6, item #2

<http://standards.ieee.org/about/sasb/audcom/pnp/LMSC.pdf>

- **The subgroup is responsible for assisting the Sponsor (e.g., drafting all or a portion of a document, drafting responses to comments, drafting public statements on standards, or other purely advisory functions).**

# Operating practice

- **Consensus**
  - Any voting, approvals will be done by the EC
- **Reciprocal attendance rights for 802 WGs**
  - policy is per home WG
- **Preparatory meetings for upcoming ITU events for IEEE**
  - Formalize current volunteer engagement
  - Summarize issues to be discussed per ITU event
    - IEEE-SA staff will indicate targeted ITU events to guide the agenda
  - Review proposed positions/contributions
    - IEEE-SA staff or volunteers may propose
  - Hold conference calls as needed between plenaries

# IEEE membership in ITU

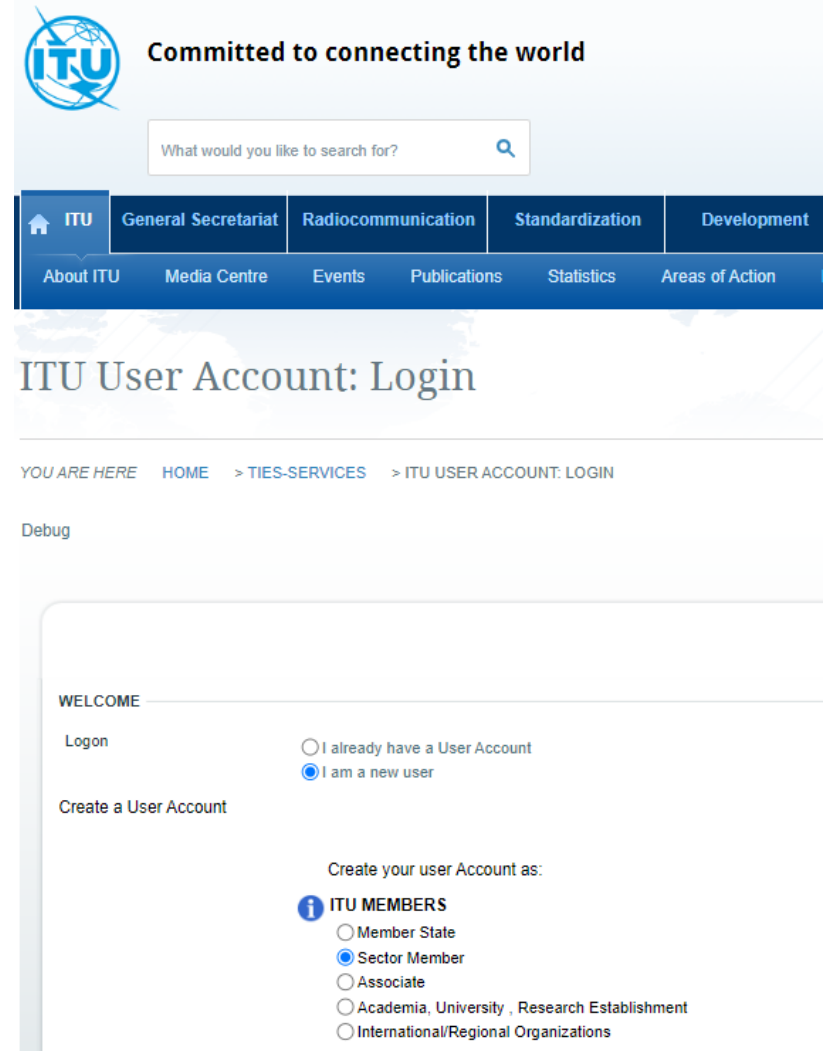
# IEEE and ITU

- **IEEE is a Sector Member of ITU-T, ITU-R and ITU-D**
  - Participate in the work of ITU-T Study Groups, Working Parties and expert groups, seminars, round tables, colloquia and workshops
  - Attend ITU and ITU-T decision-making bodies (e.g., ITU Plenipotentiary Conference, World Telecommunication Standardization Assembly)
  - ITU Council granted no fee sector membership ~2002
- **IEEE is classified as a “regional or other international organization”**
- **IEEE is qualified as**
  - ITU-T A.6 - Cooperation and exchange of information with national and regional SDOs
  - ITU-T A.5 - Making reference to documents from other organizations.



# Register for a TIES Account

- Typically, volunteers get access under their company's membership
- Any IEEE 802 WG member may apply for a TIES Account under IEEE
  - Provides access to ITU-T documents
  - <https://www.itu.int/en/ties-services/Pages/login.aspx>



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## ITU User Account: Login

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Logon

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Create your user Account as:

**ITU MEMBERS**

Member State  
 Sector Member  
 Associate  
 Academia, University, Research Establishment  
 International/Regional Organizations

# Attendance at ITU

- Typically, volunteers attend under their company's membership
- Volunteer attendance at ITU meetings as an IEEE representative requires IEEE-SA approval
  - ITU-R liaison (Mike Lynch) has been approved

# Contact

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# IEEE-SA BOG International SDO ad hoc

# 2020 Status

- **Dec 2020**
  - Reported to Standards and Standards Innovations SMDC of the IEEE-SA BOG
  - Renewal, endorsed by SMDC, was requested from BOG
- **2020 Scope**
  - Provide strategic guidance to the IEEE SA BoG with respect to the relationship between IEEE SA and IEC, ISO, ITU, and regional Standards Development Organizations including a comparative assessment of the strengths and weaknesses of IEEE SA with respect to these organizations.
- **2020 Membership**
  - Chair – Glenn Parsons
  - Paul Nikolich
  - Other BOG members

# 2021 Status

- IEEE SA Ad-hoc Committee On IEEE Relationship to International SDOs
- Scope:
  - Provide strategic guidance, including competitive intelligence, to the IEEE SA BoG with respect to the interactions between IEEE SA and IEC, ISO, ITU, and regional Standards Development Organizations.
- Membership
  - Chair – Glenn Parsons
  - No further members appointed yet

# Recent ITU conferences

# ITU-R RAG – April 2021

- **Electronic – March 29 – April 1**
- **Reviewed the rolling four-year operational plan**
  - **for approval by the June meeting of Council.**
- **Correspondence Group 2 (RAG CG-2) to provide possible revisions of Resolution ITU-R 1-8**
  - **the adoption and approval procedures when a text is relevant to the topics of multiple SGs and to the circulation of objections received during the approval process;**
  - **revisions to ITU-R working methods for the adoption and approval of recommendations of interest to multiple ITU-R Study Groups;**



# Virtual WSIS Forum 2021

- World Summit on the Information Society
  - ITU + UNESCO + UNCTAD + UNDP
  - discuss the role of ICTs to implement the UN Sustainable Development Goals
- 12-week agenda with 250+ sessions
  - concluded 17-21 May
    - E.g., “Improving connectivity by using (satellite and terrestrial) radiocommunications in small island developing states and developing countries”.
    - IEEE session on ICTs and smart energy & Child’s Data
- High level policy sessions
  - IEEE Humanitarian, IEEE-SA Child online protection



# ITU Council

- **The Council acts as the Union's governing body in the interval between Plenipotentiary Conferences.**
- **Its role is to consider broad telecommunication policy issues to ensure that the Union's activities, policies and strategies fully respond to today's dynamic, rapidly changing telecommunications environment.**

# ITU Council - June 2021

- Meeting planning was the top issue
- WTSA-2020 (originally 17-27 November 2020)
  - Postponed to March 1-9, 2022, still in Hyderabad, India
    - Venue change to Geneva proposed, will be announced in Q3
    - Current leadership/structure remains in place and TSAG has delegated power
- WTDC-2021 (originally 8-19 November 2021)
  - Postponed to June 6-15, 2022, still in Addis Ababa, Ethiopia but also possibly in Geneva
    - Announcement expected in November
- Plenipotentiary 2022 (Sept 26 – Oct 14, 2022)
  - Recently confirmed in Bucharest, Romania
  - Resistance to moving venue or date

# ITU Council (cont'd)

- **Most other meetings in 2022 will be virtual**
  - **Inter-Regional Meetings**
    - Virtual, except for those held just prior to the WTSA, WTDC and PP
  - **TSAG (10-14 January), RAG and TDAG**
    - TSAG will be physical unless otherwise determined; RAG and TDAG are pending decision
  - **ITU-T, R and D study group meetings**
    - In general virtual meetings, with physical meetings during the second half of 2022.
  - **CWGs Cluster (11-20 January)**
    - virtual with time rotation
  - **Council (21-31 March)**
    - physical
  - **AI Summit**
    - Virtual
  - **WSIS Forum (30 May-3 June)**
    - Virtual
  - **GSR (16-18 March)**
    - Virtual
  - **ITU Telecom (September to November)**
    - physical or postpone until 2023

# ITU Council (cont'd)

- **Elaboration of the draft Strategic Plan and draft Financial Plan**
  - a Council WG was established for this purpose and will meet virtually for the first time during the Council WGs cluster meetings in September.
- **Preparations for WTPF-21**
  - the secretariat was instructed to prepare for a physical meeting in December 2021 with remote participation unless otherwise determined.
- **Guidelines for the utilization of the Global Cybersecurity Agenda**
  - the secretariat will conduct further consultations with Council Member States, taking into account the inputs received and the comments made at this meeting.
- **Feasibility study on establishing an ITU Training Institute**
  - The secretariat will review ITU's capacity development activities and develop a proposal on how they could be improved and strengthened. The three advisory groups (TDAG, TSAG and RAG) could also be consulted on the report.
  - A proposal will be presented to Council in 2022.

# Future ITU conferences

# Telecommunication Standardization Advisory Group (TSAG)

- **advisory body to the study groups, membership and staff of ITU-T**
  - responsible for the working procedures defined in the A-series Recommendations and the organization of the ITU-T work programme.
  - Responsible for the work programme between WTSA
- **Virtual arrangement – 25-29 October 2021 .**
  - ~300 participants online (double in-person attendance).
  - TSAG work continues within Rapporteur Groups
  - Final TSAG expected to be physical 10-14 January 2022.

# Key issues include

- **SG restructuring (likely targeting WTSA-24)**
  - It is proposed that in addition to reviewing the Action Plan, that further discussions are held to clarify the following:
    - whether the analysis includes relationships with other SDOs
    - the involvement of an independent consultant.
- **Rec. A.23 Appendix**
  - Clarifying collaboration with ISO and IEC on information technology
- **Status of ITU-T relationship with oneM2M in support of SG20**
  - type 1 partner, and application of Rec. A.25
- **Input to the Council WG**
  - draft Strategic Plan and review of the 2021 Operational Plan
- **Working methods**
  - focused on facilitating decision-making at the WTSA
    - amendments to Recs A.1 (Working methods for ITU-T study groups); A.7 (Focus groups); A.8 (Alternative approval process for new and revised ITU-T Recommendations); A.13 (Non-normative ITU-T publications, including Supplements to ITU-T Recommendations)
    - WTSA Resolution 1 (Rules of procedure of ITU-T)



# ITU Telecom 2021

- 50<sup>th</sup> anniversary event
- 2021 physical will now be a scaled down virtual.
  - Next physical in 2023?
- The Forum, which includes Ministerial and industry roundtables, will address a variety of topics:
  - Future of Networks
  - the 5G use cases
  - national digital strategies
  - role of satellites
  - policy and regulation
  - spectrum management
  - digital skills and capacity development
  - trust, privacy and cybersecurity in our digital world
  - sustainable digital transformation
  - taxation in the ICT sector

an ITU Telecom event

**ITU DIGITAL WORLD 2021**

Building the digital world. Together.

**50** ITU TELECOM  
YEARS  
SINCE 1971

The global tech event for governments, industry and SMEs.

September-December 2021, online

# ITU-D WTDC 2021



- **World Telecommunication Development Conference**
  - “Connecting the unconnected to achieve sustainable development”
  - Postponed to June 6-15, 2022
- **BDT momentum to reform WTDC into a more “Fit4Purpose” arrangement**
  - i.e., change focus from administrative matters to a solutions-based approach to development matters.
  - Work continues in TDAG on “Resolutions, the draft Declaration and Thematic Priorities” on the number and focus of thematic priorities, SG Questions and regional initiatives/priorities.
- **A “Fit4Purpose” agenda would include the following elements:**
  - integration of a High-Level Segment and policy statements into a “Development Track” featuring roundtables and panels
  - an “Administrative Track” would also enable discussions to take place on thematic priorities, study group Questions, regional priorities/initiatives and on modifications to WTDC resolutions.
- **There are a series of Regional Preparatory and Inter-regional Meetings**

# WTPF-2021

- The 6<sup>th</sup> World Telecommunication Policy Forum (WTPF) will now be held in virtually from 16-18 December, 2021
  - “Policies for mobilizing new and emerging telecommunications/ICTs for sustainable development”.
- An Informal Experts Group has been formed to oversee the development of the Report of the Secretary-General, which will be the basis of all discussions at the Forum.
  - Members invited to nominate experts
- The purpose of a WTPF is not to produce prescriptive regulatory outcomes, only reports and opinions by consensus.
  - It is expected that some draft Opinions will be submitted which deal with controversial topics such as cybersecurity, Internet-related public policy issues, and OTTs

# ITU-T WTSA-20

- **World Telecommunication Standardization Assembly**
  - **non-binding, non-treaty**
    - usually held every four years WTSA-20 will take place in 1-9 March 2022
    - Originally in Hyderabad, India but likely to be in Geneva
  - **leadership appointment for Study Groups**
    - Races in TSAG (US, RU, SA), SG2 (IN, UK), SG3 (IN, KR, EG, BR), SG15 ( CA, JP, CN)
  - **organized in committees to define the next period of study for ITU-T, two substantive :**
    - **Working Methods, which will discuss such matters as proposed changes to**
      - Resolution 1 (Rules of procedure of ITU-T),
      - Recommendation A.1 (Working methods for study groups of ITU-T) and
      - Recommendation A.7 (Focus Groups: Establishment and working procedures)
    - **Work Programme and Structure, which will address, in addition to other issues like question definition, the establishment of a framework for SG restructuring at WTSA-24.**
- **Global Standards Symposium**
  - **Leader forum of SDOs (usually including IEEE) immediately preceding, 28 Feb**

# ITU Regional Preparations

**CITEL**: Inter-American Telecommunication Commission – North, Central and South America, and the Caribbean – 34 Member States except Cuba

**CEPT**: European Conference of Postal and Telecommunications Administrations – 48 countries of the European region

**ATU**: African Telecommunications Union – 46 Member States of the African region

**APT**: Asia-Pacific Telecommunity – 38 Member States of the Asia-Pacific region

**RCC**: Regional Commonwealth in the field of Communications – 17 Member States comprising the Russian Federation and former Soviet republics .

**League of Arab States** – 21 Arab States in and around North Africa, the Horn of Africa and Arabia

# ITU Plenipotentiary 2022

- **Held every four years**
  - **Sept 26 – Oct 14 2022 – Bucharest, Romania**
- **Election of officials**
  - **ITU-T Director and Secretary General are notable**
- **Sets ITU's general policies, adopt four-year strategic and financial plans, and address key ICT issues as requested by ITU Members.**
  - **Documented in Resolutions**
- **Updates to base text unlikely**
  - **Constitution and Conventions**

# IEEE 802 summary

- There are strategic opportunities for policy engagement and capacity building on IEEE 802 technologies at ITU conferences (e.g., WTDC, WSIS)
  - The 802 EC restructuring ad hoc, strategy sub-ad hoc is currently exploring how to leverage