IEEE 802 EC
ITU standing committee

Glenn Parsons - Ericsson

glenn.parsons@ericsson.com
+1 514-379-9037

Nov 17, 2021

Mentor DCN: EC-21-0283-00-INTL

November meeting plan

- Wednesday, Nov 17th, 4-5 pm
  - https://ieeesa.webex.com/ieeesa/j.php?MTID=m87db23cfd6ea2d7d4c9d6b1a2b1f3fc1
- Update on IEEE-SA BOG activities with ITU
- Review outcome of past meetings
  - ITU-T TSAG – Oct 2021
- Review future meetings
  - ITU Telecom – Sept – Dec 2021
  - ITU WTPF – Dec 2021
  - ITU-T TSAG – Jan 2022
  - ITU-T WTSA – Mar 2022
  - ITU Council – Mar 2022
  - ITU WSIS – Mar-Jun 2022
  - ITU-D WTDC – Jun 2022
  - ITU Plenipotentiary – Nov 2022

Mentor DCN: EC-21-0283-00-INTL

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)

Mentor DCN: EC-21-0283-00-INTL

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 de 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
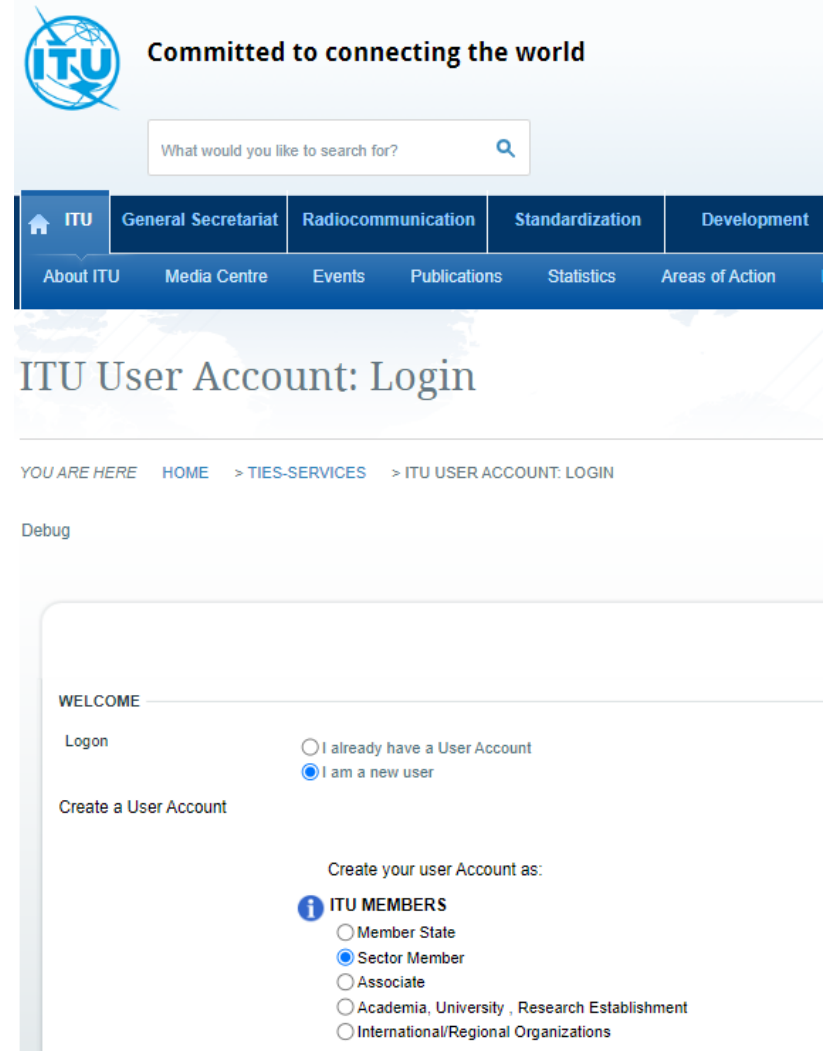 - Hold conference calls as needed between plenaries

Mentor DCN: EC-21-0283-00-INTL

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.

Mentor DCN: EC-21-0283-00-INTL

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

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

Karen McCabe
Senior Director, Public Affairs and Marketing
k.mccabe@ieee.org

Mentor DCN: EC-21-0283-00-INTL

IEEE-SA BOG International SDO ad hoc

2021 Status

- 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.
- 2021 Membership
  - Chair – Glenn Parsons
  - Paul Nikolich, Andrew Myles, George Zimmerman
  - Other BOG members and staff
- Progress
  - Identification of staff/volunteer leads
  - Status reports

Mentor DCN: EC-21-0283-00-INTL

Recent 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 still virtual 10-14 January 2022.
- Ad hoc group on governance & management of emeetings
  - Refine terms of reference for approval at Jan TSAG
  - Intent to include all ITU

Key issues include

- SG restructuring (likely targeting WTSA-24)
  - ▫ Consultations held to discuss the following (with no conclusion):
    - The use of metrics to guide restructuring
    - The involvement of an independent consultant.
- Collaboration
  - ▫ Rec. A.23 Appendix
    - Clarifying collaboration with ISO and IEC on information technology
  - ▫ Status of ITU-T relationship with oneM2M in support of SG20
    - Adoption/collaboration and application of Rec. A.25
- Inclusive language
  - ▫ Initiated in SG15, but now deferred to Council WG on languages
- Working methods
  - ▫ focused on facilitating decision-making at the WTSA
    - amendments to Recs A.1 (Working methods for ITU-T study groups); A.5 (References to documents from other organizations); 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)

Mentor DCN: EC-21-0283-00-INTL

Future ITU conferences

ITU Telecom 2021

- 50th 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

WTPF-2021

- The 6th World Telecommunication Policy Forum (WTPF) will be held **in-person** from 16-18 December, 2021
    - But with "extensive remote participation"
    - "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 now confirmed to be in-person 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), SG13
  - 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

Mentor DCN: EC-21-0283-00-INTL

Preparations led by ITU Regional Telecommunication Organizations

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 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.

Mentor DCN: EC-21-0283-00-INTL

ITU Council – March 2022

- Council WG reports
  - Elaboration of the draft Strategic Plan and draft Financial Plan
  - Internet public policy, WSIS & SDGs, languages, …
- Guidelines for the utilization of the Global Cybersecurity Agenda
  - the secretariat will conduct further consultations with Council Member States
- Feasibility study on establishing an ITU Training Institute
  - The secretariat will review ITU's capacity development activities and present a proposal on how they could be improved and strengthened.
- Meeting planning
  - Plenipotentiary 2022 (Sept 26 – Oct 14, 2022)
    - Discussion on arrangements including the Conference structure, the chairmanship, and possible chairs of the substantive committees.
  - WTDC-2021 (originally 8-19 November 2021)
    - Postponed to June 6-15, 2022, still in Addis Ababa, Ethiopia
    - Move to Geneva or postpone to 2023?

Virtual WSIS Forum 2022

- World Summit on the Information Society
  - ITU + UNESCO + UNCTAD + UNDP
    - discuss the role of ICTs to implement the UN Sustainable Development Goals
  - ICTs for Well-Being, Inclusion and Resilience: WSIS Cooperation for Accelerating Progress on the SDGs
- 12-week agenda planned with 250+ sessions
  - concluding 30 May – 2 June
    - Including efforts and initiatives of digital cooperation in response to the COVID-19 pandemic.
- Open Consultation process
  - Themes, Topics, Speakers, Workshops, Exhibits
  - Potential IEEE 802 topic - Network Privacy
    - IEEE 802.1/802.11 + IETF MADINAS + policy makers

ITU-D WTDC 2021

- World Telecommunication Development Conference
  - "Connecting the unconnected to achieve sustainable development"
  - Postponed to June 6-15, 2022
  - TDAG has agreed on "Resolutions, the draft Declaration and Thematic Priorities" but debate remains on the need for a separate theme on cybersecurity.
- 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.
- 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
  - Proposing to find resources to finance regional projects

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
- Preparation work undertaken by the six regional telecommunication organizations

IEEE 802 summary

- There are strategic opportunities for policy engagement and capacity building on IEEE 802 technologies at ITU conferences (e.g., WSIS 2022)
  - Topic/Workshop: Network Privacy
    - Potential scope:
      - Digital inclusion respects the right to privacy, but can identity be completely separated from networking?
    - Potential speakers representing:
      - IEEE 802.1, IEEE 802.11 , IETF MADINAS, service providers, policy makers
  - Topic/Workshop: Time-Sensitive Networking
    - Potential scope:
      - Imagine the opportunities possible if networking was instant and reliable, between people and things that matter, when and where it matters most.
    - Potential speakers representing:
      - IEEE 802.1, IEEE 802.3, IEEE 802.11 , IETF DETNET, policy makers
- EC support requested to develop proposals