



Setting the standard

ITU/TSB updates on ITU-T and WTSA-24 preparations

25 May 2023

Com ITU Meeting
Timisoara, Romania
24 – 26 May 2023

Seizo ONOE, Director
Telecommunication Standardization Sector, ITU



Setting the standard

ITU's new elected officials



- Secretary-General: Doreen Bogdan-Martin
- Deputy Secretary-General: Tomas Lamanauskas
- Director of the ITU Radiocommunication Bureau: Mario Maniewicz
- Director of the ITU Telecommunication Standardization Bureau: Seizo Onoe
- Director of the ITU Telecommunication Development Bureau: Cosmas Zavazava



Setting the standard

WTSA-20 main outcomes

WTSA-20 & Global Standards Symposium (GSS)

Global Standards Symposium (GSS-20) held on **28 February 2022**

World Telecommunication Standardization Assembly (WTSA-20) held on **01-09 March 2022**

International Conference Center Geneva (CICG), Geneva, Switzerland

Physical events with remote participation

Decision making was by delegates **physically present in Geneva.**



WTSA-20 key outcomes

1. Updates to WTSA Resolutions & A-series Recs

- **2** new & **36** revised Res.
- **20** unchanged
- **4** suppressed
- **3** revised ITU-T A-series Recommendations (3 unchanged)
- **10** actions recorded in WTSA Report

2. Elected new 2022-2024 leadership

- New TSAG & SCV Chairmen & Vice Chairmen
- **8** new Study Group Chairmen and **120** VCs appointed representing **37** countries, incl. **27** developing countries
- Strict application of **PP Res 208**. Max 2 Vice Chairs TSAG and Max 3 Vice Chairs for SG from a region.

3. ITU-T Study Group structure, mandates & Question texts

- **No change** in SG structure
- Defined guidelines for **discussions on restructuring** at WTSA-24 with a *new Res.* on ITU-T SGs reorganizational reform
- **Mandates updated** (WTSA-20 Res.2)
- All Questions proposed by SGs **adopted** as submitted.

SG Chairmen for 2022-2024 Study Period

SG Chairman	Name	Term	Member State
SG2	Philip RUSHTON	2*	UK
SG3	Ahmed SAID	1	Egypt
SG5	Dominique WURGES	1	France
SG9	Satoshi MIYAJI	2*	Japan
SG11	Ritu Ranjan MITTAR	1	India
SG12	Tania VILLA	1	Mexico
SG13	Kazunori TANIKAWA	1	Japan
SG15	Glenn Wilson PARSONS	1	Canada
SG16	Noah LUO	2*	China
SG17	Heung Youl YOUM	2*	Korea (Rep. of)
SG20	Hyoung Jun KIM	1	Korea (Rep. of)

* 2nd terms

In green: representatives from Europe





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WTSA-24 preparations

WTSA-24

PP Resolution 77 (Bucharest, 2022) resolved that WTSA shall be held in the last quarter of 2024 in India. India sent an invitation to ITU Sec Gen on 31 March 2023 to host WTSA-24 and GSS-24 with the proposed precise place and exact dates as follows:

- Place: International Exhibition cum Convention Centre, Pragati Maidan, **New Delhi**, India
- **14 October 2024** Global Standardization Symposium **GSS-24**
- **15-24 October 2024** World Telecommunication Standardization Assembly **WTSA-24**
- ITU Council will consider the invitation and decide on the precise place and exact dates during its meeting in July 2023.
- The Council decision will be followed by a Member State consultation.



WTSA-24 key decisions

- Resolution 2: ITU-T study group responsibility and mandates; lead study group roles, point of guidance for 2025-2028, allocation of ITU-T Recommendations to SGs and TSAG; opportunity for ITU-T study group restructuring.
- Chairman and Vice Chairmen of each SG, TSAG and Standardization Committee for Vocabulary (SCV) will be elected.

ITU-T SG restructuring

WTSA Res. 99 (Geneva, 2022):

TSAG has the responsibility to manage the analysis of ITU-T study group restructuring based upon contributions to TSAG from Member States and ITU-T Sector Members:

- Action plan for the analysis of ITU-T study group restructuring
- TSAG Rapporteur Group on Work Programme and Study Group Structure (RG-WP)
- The action plan plans to use the initial data gathered from the period 2008 through 2021
- The analysis of identified KPI and metrics, as well as the underlying data and methodologies used, shall be presented to TSAG for decision and any action, as appropriate.



TSAG Chairman and Vice Chairmen

- Chairman: Abdurahman M. AL HASSAN (Saudi Arabia)
- Vice Chairmen:
 - Khalid AL-HMOUD (Jordan)
 - Ulugbek AZIMOV (Uzbekistan)
 - Isaac BOATENG (Ghana)
 - **Olivier DUBUISSON (France)**
 - **Tobias KAUFMANN (Germany)**
 - Guy-Michel KOUAKOU (Côte d'Ivoire)
 - Fang LI (China)
 - Gaele MARTIN-COCHER (Canada)
 - Víctor Manuel MARTÍNEZ VANEGAS (Mexico)
 - Miho NAGANUMA (Japan)



New TSAG structure

- TSAG established Working Parties (WPs) and Rapporteur Groups (RGs) at its first meeting in December 2022:
 - WP1: Working Methods and related WTSA preparations (WP-WMW)
 - RG-WM: Working Methods
 - RG-WTSA: WTSA Preparations
 - WP2: Industry Engagement, Work Programme, Restructuring (WP-IEWPR)
 - RG-IEM: Industry Engagement, Metrics
 - RG-WPR: Work Programme and Restructuring, SG work, SG Coordination

Ongoing steps for restructuring

- Collection of the data (metrics) identified in the action plan and definition of the KPIs (how to use the data) – to be reported to TSAG at the meeting of next week (30 May – 2 June 2023)
- Discussions were conducted at the TSAG rapporteur meetings
- Currently, the Rapporteur group focuses on the data to be analyzed
- The action plan contains the initial list of principles and metrics, presented as questions to be answered

Results of the TSAG Rapporteur Group on WTSA preparations (RG-WTSA)

TD Number	Title	Source
[262]	First baseline text for draft A.BN "Briefing note on how to chair WTSA Sub-committee/Ad Hoc Group meetings"	Rapporteur, RG-WTSA
[261]	First baseline text for draft A.SupWTSAGL "WTSA preparation guideline on Resolutions"	Rapporteur, RG-WTSA
[260]	Draft analysis of operational parts (resolves, instructs etc) of WTSA/PP/WTDC Resolutions	Rapporteur, RG-WTSA
[235]	Progress report from interim TSAG RG-WTSA meetings (December 2022 to May 2023)	Rapporteur, RG-WTSA

Results of the TSAG Rapporteur Group on Industry Engagement, Metrics (RG-IEM)

TD Number	Title	Source
[267]	Reference material Resolution 68: WTSA-20 C103	Rapporteur, RG-IEM
[258]	Draft RG-IEM study on a mechanism to address new and emerging technologies in ITU-T	Rapporteur, RG-IEM
[257]	Draft ToR for the ITU-T Industry Engagement Workshop Steering Committee	Rapporteur, RG-IEM
[256]	Draft ITU-T action plan for a vibrant engagement of the industry	Rapporteur, RG-IEM
[232]	Progress report from interim TSAG RG-IEM meetings (December 2022 to May 2023)	Rapporteur, RG-IEM

Results of the TSAG Rapporteur Group on Working Methods (RG-WM)

TD Number	Title	Source
[255]	Compilation (with proposals from the rapporteur) to support the discussion on Recommendation ITU-T A.1 "Working methods for study groups of the ITU Telecommunication Standardization Sector"	Rapporteur, RG-WM
[250] (Rev.1-2)	Electronic working methods (EWM) liaisons appointed by ITU-T study groups	Rapporteur, RG-WM
[245] (Rev.1)	Working document to support the discussion on TD243 (LS/I on SCV activity in SG2)	Rapporteur, RG-WM
[233]	Progress report from interim TSAG RG-WM meetings (December 2022 to May 2023)	Rapporteur, RG-WM
[220]	RG-WM living list	Rapporteur, RG-WM
[217]	Revised consolidated text to support the discussion on Recommendation ITU-T A.7 "Focus groups: Establishment and working procedures"	Rapporteur, RG-WM
[208]	Working document to discuss possible changes to Rec. ITU-T A.8 "Alternative approval process for new and revised ITU-T Recommendations"	Rapporteur, RG-WM

Results of the TSAG Rapporteur Group on Work Programme and Restructuring, SG work, SG Coordination (RG-WPR)

TD Number	Title	Source
[265]	Proposed editorial revisions to baseline text for report of the analysis of ITU-T study group restructuring alternatives	Associate Rapporteur, RG-WPR
[234]	Report to TSAG on the implementation of the action plan for analysis of ITU-T structural alternatives	Associate Rapporteur, RG-WPR
[214]	Baseline text for report of the analysis of ITU-T study group restructuring alternatives	Associate Rapporteur, RG-WPR



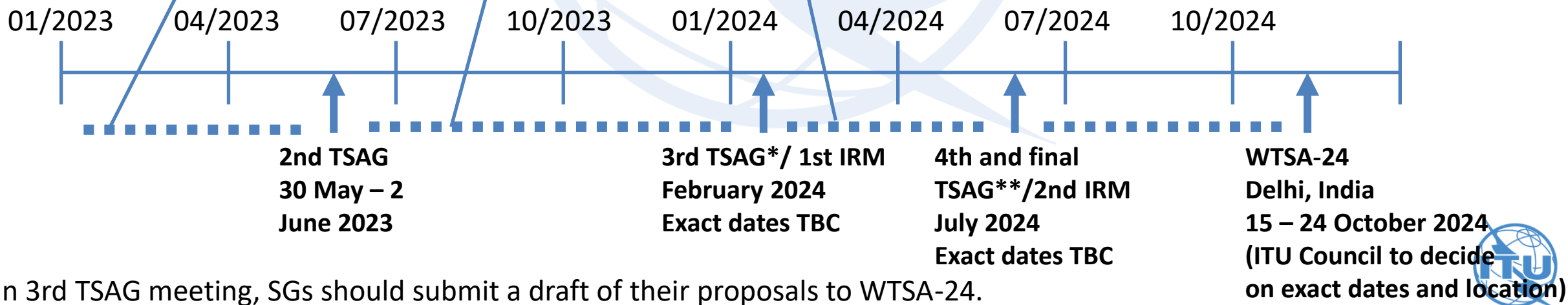
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WTSA-24 regional preparations

WTSA-24 timeline

- Com ITU Members can contribute through:

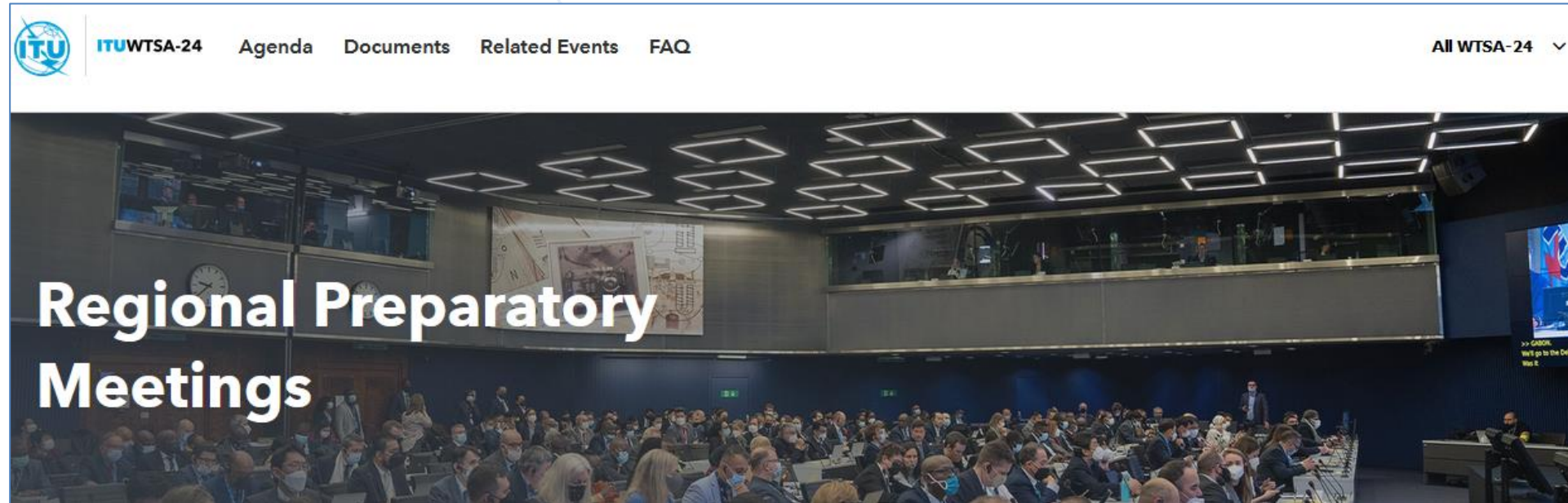
- Regional preparatory meetings
- Rapporteur Groups of TSAG (TSAG RGMs) reported to TSAG meeting (30 May – 2 June)
 - RG-RG-WM: Working Methods
 - RG-WTSA: WTSA Preparations
 - RG-IEM: Industry Engagement, Metrics
 - RG-WPR: Work Programme and Restructuring, SG work, SG Coordination



* In 3rd TSAG meeting, SGs should submit a draft of their proposals to WTSA-24.

** For the 4th TSAG meeting, SGs should submit a final version of their proposals to WTSA-24.

WTSA-24 Regional Preparatory Meetings



Regional preparatory meetings are organized by the regional telecommunication organizations in coordination with ITU.

One page for all Regions.
The page is regularly updated.

EUROPE

- CEPT - Com-ITU and projects teams
6 - 7 March 2023 (online meetings)
- CEPT - PT ITU-T interim meeting on WTSA-24 issues
25 April 2023 (online meeting)
- CEPT - Com-ITU meetings
24 - 26 May 2023, Timisoara, Romania (hybrid meeting)
- CEPT - PT ITU-T meeting
25 May 2023, Timisoara, Romania (hybrid meeting)
- CEPT - Com-ITU meetings
6 - 8 September 2023 (online meeting)



Next TSAG and Interregional meetings in 2024

Proposed tentative dates (to be confirmed at the TSAG meeting 30 May – 2 June 2023):

1st Interregional Meeting - IRM:

22 February 2024, (virtual, tbc), back-to-back with

3rd TSAG meeting:

26 February – Friday 1 March 2024 (Geneva, tbc)

2nd Interregional Meeting IRM:

25 July 2024, exact location and exact dates TBC, back-to-back with

4th TSAG meeting:

29 July – 2 August 2024, exact location and exact dates TBC

Please refer to **TSAG TD 194** that will contain the ITU-T meetings planning for 2023 and 2024.





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ITU-T most recent and upcoming activities



ITU standardization: Collaboration initiatives



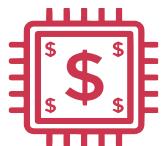
AI for Good

- AI for Good Global Summit - AI for Good digital platform - AI for Good Neural Network



Digital transformation for cities & communities

- United for Smart Sustainable Cities initiative



Financial inclusion, fintech & digital currencies

Digital Currency Global Initiative - Security Lab for Digital Financial Services



Smart & safe mobility


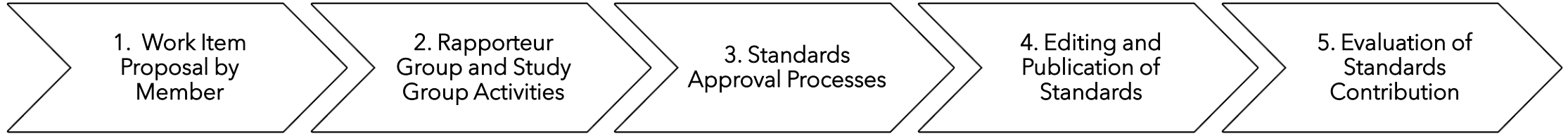
- Collaboration on ITS Communication Standards - Future Networked Car Symposium




Consultations with industry leaders

- CTO & CxO meetings


Digital Transformation in ITU-T's Standardization Process




Direct Document Posting (DDP) – Online submission tool for contributions allowing instant publication, and a processing time reduced by 50% for the TSB.




Events Dashboard - streamlining activities for meeting preparations. Cuts timeline by 4 fold.




SharePoint Collaboration Websites – promoting collaboration of Members.




MyMeetings - platform customized for ITU-T needs, enables many parallel sessions at no extra cost.




ITU Translate – rapid and cost-effective translation of documents in 6 languages. Saves millions of CHF in translation costs.




MyDocuments – quick access to ITU-T meeting and suggested documents.




Alternative Approval Process System – streamlining approval process of standards. Saves up to 30% of a staff's time & makes the process transparent.




ITU-T Work Programme – accessing all Work Items and their status.




Editing Workflow – streamlining publication of standards. Reduces editing timeline by 300% and saves 40% in staff costing.




IPR & Terminology Database – archiving all IPR and ITU-T Terms.




ITU-T Recommendation – accessing all standards in force.



ICT Standards – viewing shared activities with other SDOs.



SDG Mapping – evaluation of standards contribution to SDGs using AI. Saves cost of 1-2 staffing resources.



MyWorkspace – one stop-shop for ITU-T applications.



ITU standardization: Bridging the Standardization Gap* (BSG)

- ① **Hands-on study group effectiveness trainings**
 - Coaching in practical skills valuable to participation in ITU standardization
- ① **Fellowships**
 - Financial support to delegates from eligible developing countries
- ① **Regional groups within study groups**
 - Regional groups help to ensure that ITU standards are globally applicable
- ① **Online training course on ITU standardization working methods**
 - Training course on ITU standardization processes
- ① **Regional standardization forums**
 - Regional and interregional forums address working methods and topics under study
- ① **National standardization secretariats**
 - Guidelines on national frameworks for effective participation in ITU standardization

* WTSA Resolution 44 - (Rev. Geneva, 2022) Bridging the standardization gap between developing and developed countries

ITUEvents



AI for Good

Global Summit

*Accelerating the United Nations
Sustainable Development Goals*

6 - 7 July 2023

Geneva, Switzerland

aiforgood.itu.int



40 UN PARTNERS





AI for Good

| AI for Good Global Summit 2023

+3K

In-person Participants

+15K

Neural Network Members

+100K

Online Community

+500K

Views

+183

Countries

40

UN Partners



Doreen Bogdan-Martin
Secretary-General
International
Telecommunication Union (ITU)

[🌐](#) [🐦](#) [in](#)



Werner Vogels
Chief Technology Officer and
Vice President
Amazon

[in](#)



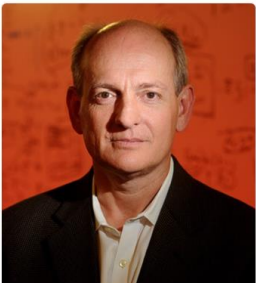
Yuval Noah Harari
Historian, philosopher, and
best-selling author of
'Sapiens' and 'Homo Deus'
Sapienship
(*remote)

[🌐](#)



Lila Ibrahim
Chief Operating Officer
DeepMind

[in](#)



Stuart Russell
Professor of Computer
Science at University of
California, Berkeley, Author
'Human Compatible:
Artificial Intelligence and the
Problem of Control'
UC-Berkeley

[in](#)



Ebtessam Almazrouei
Director of the AI-Cross
Center Unit
Technology Innovation Institute
(TII)

[in](#) [🐦](#)



Baroness Joanna Shields
Group CEO
BenevolentAI
Former UK Minister for Internet
Safety and Security

[🌐](#)



Ray Kurzweil
Inventor, Futurist & Best-
selling author of 'Singularity
is Near'
Director of Engineering,
Google

[🌐](#)



Orly Lobel
Warren Distinguished
Professor of Law at the
University of San Diego,
Author The Equality Machine
(An economist best book of
2022)
University of San Diego

[🌐](#) [🐦](#) [in](#)



Babak Hodjat
CTO AI
Cognizant

[in](#)



Alessandra Sala
Sr. Director of Artificial
Intelligence and Data
Science
Shutterstock
President, Women in AI

[in](#)



Moriba Jah
Founder & Chief Scientist
Privateer

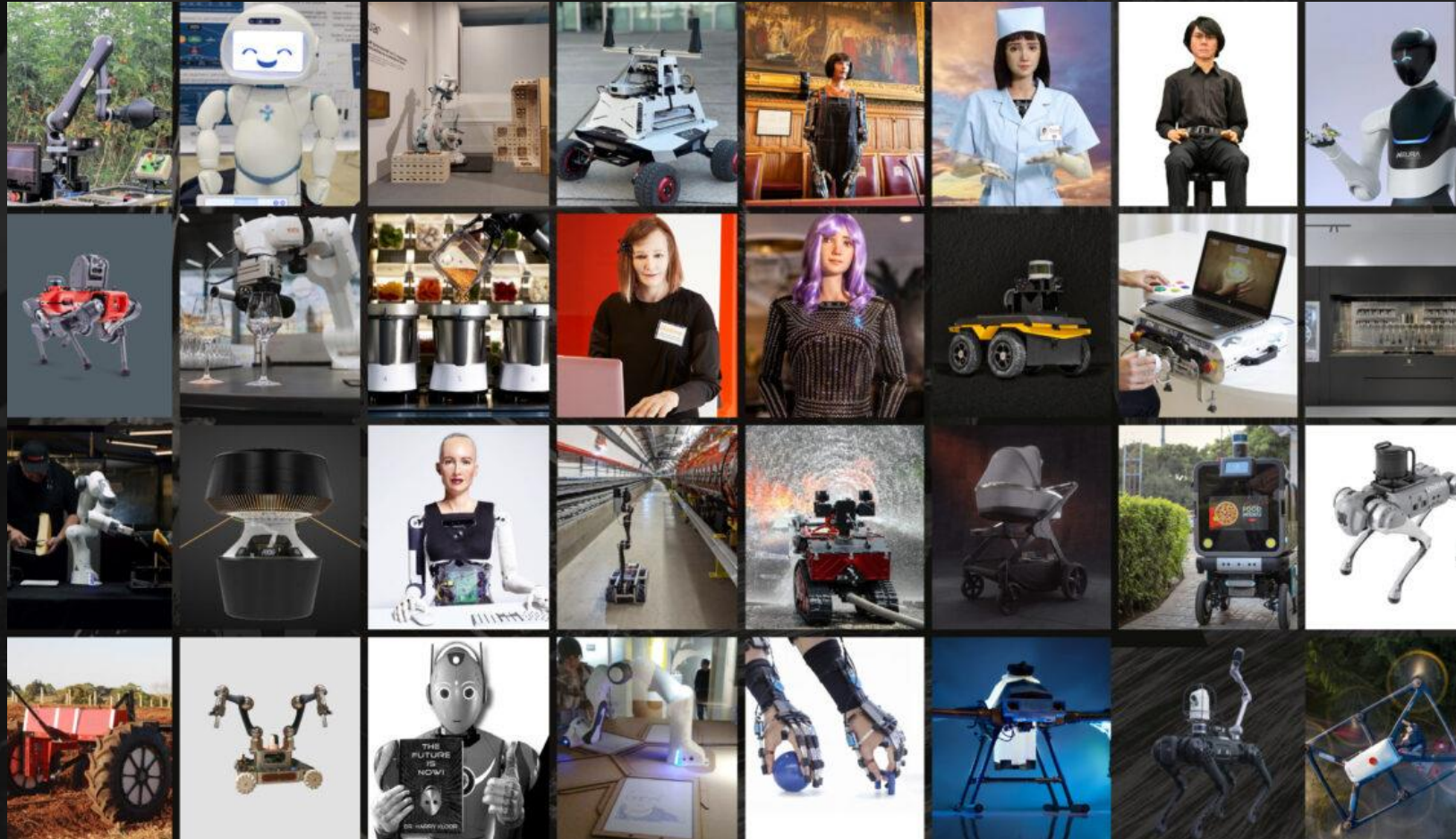
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AI for Good

| AI for Good Global Summit 2023



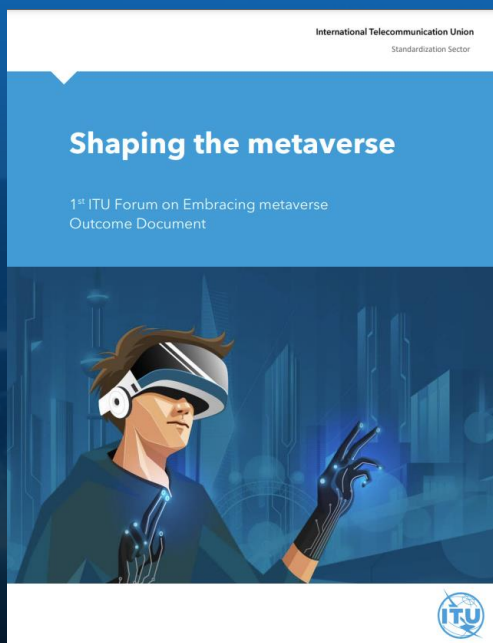
- 9** social humanoid robots
- 40+** specialized autonomous robots
- 40+** robotics experts
- 20+** presentations at the Robotics for Good Stage
- 40+** robotics exhibitors
- 1** robotics press conference
- 1** exclusive meeting with a robot for ITU staff during Summit





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First ITU Forum on metaverse A success!



650+

Participants in person and online

30+

speakers from governments, industries, UN agencies, SDOs



7 March 2023, Riyadh, Kingdom of Saudi Arabia



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FG-MV Roadmap



First meeting
8-9 March 2023,
Riyadh, Saudi Arabia



Second meeting
4-6 July 2023,
Shanghai, China



Special session
12 September 2023,
Arusha, Tanzania



Third meeting
3-5 October 2023,
Geneva,
Switzerland



Special session
18 October 2023,
Riga, Latvia



Fourth meeting
5-7 December 2023,
Queretaro, Mexico



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ITU standardization: Academia

ITU Journal
*Future and evolving
technologies*

The ITU Journal – free of charge to both readers and contributors – offers comprehensive coverage of communications and networking paradigms

ITUKALEIDOSCOPE

Annual Kaleidoscope conferences highlight research into key strategic topics for ITU standardization



ITU Academia members participate with reduced membership fees in ITU expert groups responsible for radiocommunication, standardization, and development



Some ideas to share:
my vision for the next 4 years



My vision and goals
as TSB Director

To achieve **universal connectivity and sustainable digital transformation through standardization.**

To reach out worldwide and promote the widespread adoption of **helpful, actual-use** standards, that enable economies of scale and healthy competition, **leading to affordable services.**

All these factors make standardization meaningful and truly valuable.





But How?



By **strengthening cooperation** between multiple standardization bodies.



Through **industry engagement** and the implementation of standards by industry.



As an example: using the ITU-T **Bridging the Standardization Gap (BSG)** as essential tool for the promotion of the dissemination of standards.



Ask for cooperation:



Strengthening cooperation

→ We want to strengthen cooperation with European standardization bodies, such as ETSI, but also CEN and CENELEC.



Industry engagement

→ We want to engage with more European industry members in ITU's activities. We expect European industry to play a key role in implementing the standards and contributing to technology diffusion.



Bridging the Standardization Gap (BSG)

→ We appreciate your support of the BSG's activities at various levels, and we hope that it will contribute to the overall happiness of the world and increase market growth.



We look forward to Com ITU collaboration and contribution for a successful WTSA-24



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Questions?

I am pleased to answer to your queries

