



## **Commission on Science and Technology for Development (CSTD)**

**Twenty-second session (13-17 May 2019)**

**Room XVII, Floor 1, E-Building  
Palais des Nations  
Geneva**

## **Proposed organization of work (as of 15 May 2019)**

For queries or clarifications, please contact:  
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## Monday, 13 May

<p><b>10:00-12:00</b></p>	<p><b>Opening Ceremony</b></p> <p><b>Welcoming remarks by:</b> Mr. A Min Tjoa, Professor and Director of the Institute of Software Technology and Interactive Systems, Vienna University of Technology, Austria and Chair of the CSTD</p> <p><b>Opening statement by:</b> Ms. Isabelle Durant, Deputy Secretary-General of UNCTAD</p> <p><b>Address by:</b> Mr. Malcolm Johnson, Deputy Secretary-General of the International Telecommunications Union</p> <p><b>A Conversation with Great Minds</b> Moderator: Ms. Didi Akinyelure, Award Winning Journalist</p> <ul style="list-style-type: none"> <li>• Prof. Carlo Rubbia, Nobel Laureate for Physics and former Director-General of CERN</li> <li>• Prof. Dame Wendy Hall, Professor, University of Southampton and Executive Director, Web Science Institute</li> <li>• Prof. Jürgen Schmidhuber, Co-Founder and Chief Scientist, NNAISENSE Scientific Director, Swiss AI, Lab IDSIA Professor of AI, USI &amp; SUPSI, Switzerland</li> </ul> <p><b>Item 1</b> <b>Adoption of the agenda and other organizational matters</b></p>
<p><b>12:00-13:00</b></p>	<p><b>Item 1</b></p> <p><b>High-level roundtable on “The role of STI in empowering people and in ensuring inclusiveness and equality”</b></p> <p>Contribution of the Commission to the 2019 theme of the Economic and Social Council and High-level Political Forum</p> <p>Video message from H.E. Ms. Inga Rhonda King, President of ECOSOC</p> <p>Ministerial discussion<sup>1</sup>:</p> <ul style="list-style-type: none"> <li>• H.E. Ms. Marisa do Rosário Bragança Sambo, Minister of Higher Education, Science, Technology and Innovation of Angola</li> <li>• H.E. Mr. Mahdi Elyasi, Deputy Vice-President for Science and Technology of the Islamic Republic of Iran</li> <li>• H.E. Mr. Krishna Raj B.C., Secretary for Science and Technology of Nepal</li> <li>• H.E. Ms. Rowena Cristina L. Guevara, Undersecretary for Research and Development of the Philippines</li> <li>• H.E. Ms. Nkandu Luo, Minister of Higher Education of Zambia</li> </ul> <p><i>General discussion</i></p>
<p><b>13:00-14:00</b></p>	<p><b>High-level networking cocktail (2<sup>nd</sup> floor of E-building, by invitation only)</b></p>
<p><b>14:00-15:00</b></p>	<p><b>Side event by the Institute for Transformative Technologies (Room XXVI): 50 Breakthrough Technologies for the SDGs</b></p>

<sup>1</sup> Ministers are confirmed, their participation in the session is under consultation.

<p><b>15:00-16:00</b></p>	<p><b>Item 3 Science and Technology for Development</b></p> <p><b>Panel discussion on applying a gender lens to science, technology and innovation</b></p> <p>Moderator: Mr. Wang Ruijun, Vice-Chair of the CSTD</p> <p>Keynote address by: Dame Jocelyn Bell Burnell, Astrophysicist, Oxford University, 2018 Laureate of the Special Breakthrough Prize in Fundamental Physics</p> <p>Panellists:</p> <ul style="list-style-type: none"> <li>• Ms. Shirley Malcom, Director of Education and Human Resources Programs of the American Association for the Advancement of Science (AAAS)</li> <li>• Ms. Neth Daño, Co-Executive Director, ETC Group</li> </ul> <p>Remarks by: H.E. Mr. Mher Margaryan, Permanent Representative of Armenia, Chair of the Commission on the Status of Women</p> <p><i>Interactive dialogue</i></p>
<p><b>16:00-18:00</b></p>	<p><b>Item 3 Science and Technology for Development</b></p> <p>Video by UNCTAD and Ministry of Science and Technology of China on recent CSTD capacity-building workshops in China on STI policy</p> <p>Remarks by Mr. Wang Ruijun, Vice-Chair of the CSTD</p> <p><b>High-level roundtable on “The impact of rapid technological change on sustainable development”</b></p> <p>Introduction of the Report of the Secretary-General (E/CN.16/2019/2) by Ms. Shamika N. Sirimanne, Director, Division on Technology and Logistics, Head of CSTD Secretariat, UNCTAD</p> <p>Moderator: Ms. Julia Sieger, Presenter of Tech24 Programme, FRANCE24</p> <p>Panellists:</p> <ul style="list-style-type: none"> <li>• Mr. Jacob Corn, Professor of Genome Biology, Principal Investigator at Corn Lab, ETH Zürich</li> <li>• Ms. Kriti Sharma, Vice President of Artificial Intelligence, Sage Group</li> <li>• Mr. David Grier, Professor, George Washington University and Editor in Chief, IEEE Computer</li> </ul> <p>Ministerial discussion:</p> <ul style="list-style-type: none"> <li>• H.E. Mr. Thapelo Olopeng, Minister of Tertiary Education, Research, Science and Technology of Botswana</li> <li>• H.E. Mr. Ogbonnaya Onu, Minister of Science and Technology of Nigeria</li> </ul> <p><i>Interactive discussion with ministers and other high-level representatives</i></p> <p>Video message from the Co-Chairs of the fourth Multi-stakeholder Forum on Science Technology and Innovation for the Sustainable Development Goals (STI Forum)</p>

18:00-19:30	CSTD Reception (outside Room XVII)
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## Tuesday, 14 May

08:30-10:00	Side event of Solar Impulse Foundation and UNCTAD (Room XXII): Start-up for Green Goals: The Role of Start-ups in Sustainable Development
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10:00-12:00	<p><b>Item 3</b> <b>Science and Technology for Development</b></p> <p><b>High-level roundtable on “The impact of rapid technological change on sustainable development”</b></p> <p>Moderator: Mr. A Min Tjoa, Chair of the CSTD</p> <p>Presentations by:</p> <ul style="list-style-type: none"> <li>• Ms. Pascale Fung, Professor, Hong Kong University of Science and Technology</li> <li>• Mr. Donald Gotterbarn, Professor Emeritus, East Tennessee State University</li> <li>• Mr. Miltos Ladikas, Professor, German Institute for Technology Assessment and Systems</li> <li>• Ms. Susan Cozzens, Professor Emerita, Georgia Tech</li> </ul> <p><b>Ministerial discussion<sup>2</sup>:</b></p> <ul style="list-style-type: none"> <li>• H.E. Mr. Sujeewa Senasinghe, Minister of Science, Technology and Research of Sri Lanka</li> <li>• H.E. Mr. Elioda Tumwesigye, Minister of Science, Technology and Innovation of Uganda</li> </ul> <p><i>General and interactive discussion</i></p>
12:00-13:00	<p><b>Group discussion on Priority Theme 1: The impact of rapid technological change on the sustainable development</b></p> <ul style="list-style-type: none"> <li>• Group 1: National strategies on artificial intelligence</li> <li>• Group 2: Gender perspectives of rapid technological change</li> </ul>

13:00-13:50	Side event of Thailand (Room XXII): Advancing STI Partnerships for Sustainable Development: Experience from ASEAN
14:00-15:00	Side event of the International Federation for Information Processing (Room XXVI): Artificial Intelligence, Ethics and the Developing World

15:00-18:00	<p><b>Item 2</b> <b>Progress made in the implementation of and follow-up to the outcomes of the World Summit on the Information Society at the regional and international level</b></p>
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	<p><b>High-level roundtable on progress made in the implementation of and follow-up to the outcomes of the World Summit on the Information Society at the regional and international level</b></p> <p>Introduction of the Report of the Secretary-General (A/74/62-E/2019/6) by Ms. Shamika N. Sirimanne, Director, Division on Technology and Logistics, Head of CSTD Secretariat, UNCTAD</p> <p>Keynote address by H.E. Mr. Janis Karklins, President of the Tunis phase of WSIS</p> <p>Moderator: Mr. Peter Major, Vice-Chair of the CSTD</p> <p>Presentations by:</p> <ul style="list-style-type: none"> <li>• H.E. Mr. Plácido Gomez Ramirez, Vice Minister for Science and Technology, Dominican Republic</li> <li>• Mr. Catalin Marinescu, Head, Corporate Strategy Division, ITU</li> <li>• Ms. Akaliza Keza Ntwari, ICT advocate and entrepreneur, member of the High-level Panel on Digital Cooperation</li> <li>• Ms. Anriette Esterhuysen, Senior advisor on internet governance, policy advocacy and strategic planning, Association for Progressive Communications</li> <li>• Mr. Chengetai Masango, Programme and Technology Manager, IGF Secretariat</li> </ul> <p><i>Interactive dialogue</i></p>
<p><b>18.15-19.15</b></p>	<p><b>CSTD public lecture (Room XXVI) by:</b> Mr. Richard Baldwin, Professor of International Economics, Graduate Institute of Geneva</p> <p>Moderator: Mr. Andrew Revkin, Strategic Advisor for Environmental and Science Journalism, National Geographic Society, formerly of the New York Times</p>

## Wednesday, 15 May

<p><b>10:00-12:30</b></p>	<p><b>Item 3</b> <b>Science and Technology for Development</b></p> <p><b>Panel discussion on Priority Theme 2: The role of science, technology and innovation in building resilient communities, including through the contribution of citizen science</b></p> <p>Introduction of the Report of the Secretary-General (E/CN.16/2019/3) by Ms. Shamika N. Sirimanne, Director, Division on Technology and Logistics, Head of CSTD Secretariat, UNCTAD</p> <p>Moderator: Mr. Andrew Revkin, Strategic Advisor for Environmental and Science Journalism, National Geographic Society, formerly of the New York Times</p> <p>UNCTAD-UN Major Group on Children and Youth video featuring young people involved in citizen science, introduced by Ms. Carol Grzych, United Nations Major Group for Children and Youth</p> <p>PART 1:</p> <ul style="list-style-type: none"> <li>• Mr. Elhadj As Sy, Secretary-General, IFRC</li> <li>• Mr. Paulo Ruti, Chief, World Weather Division, WMO</li> </ul>
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	<p>PART 2:</p> <ul style="list-style-type: none"> <li>• Mr. Bernardo Mariano Junior, Chief Information Officer, WHO</li> <li>• Ms. Josephine Khaoma Ngaira, Deputy Vice Chancellor and Professor of Geography and Disaster Management, Masinde Muliro University of Science and Technology (MMUST), Kenya</li> <li>• Mr. André Pierre Mattei, Director of Innovation, Senai Institute of Innovation in Embedded Systems, Brazil</li> </ul> <p><i>Interactive discussion</i></p>
<b>12:30-13:00</b>	<b>Summary of the group discussions on Priority Theme 1</b>

<b>14:00-15:00</b>	<p><b>Side Event of UNISDR, International Science Council, and Integrated Research on Disaster Risk (Room XXVI):</b>  <b>The Role of Engaged Science and Technology to Enhance Disaster Resilience and Empower Communities</b></p>
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<b>15:00-16:30</b>	<p><b>Item 4</b>  <b>Presentation of reports on science, technology and innovation policy reviews</b></p> <p>Moderator: Mr. Kekgonne Baipoledi, Vice-Chair of the CSTD</p> <p>Presentation of the preliminary findings of the STI Policy Reviews of Ethiopia, Panama and Uganda by Mr. Angel González Sanz, Chief, Science, Technology and ICT Branch, UNCTAD</p> <p>Presentations and discussion by:</p> <ul style="list-style-type: none"> <li>• Mr. Shumete Gizaw, State Minister, Research and Technology Affairs (Ethiopia)</li> <li>• Ms. Diana Candanedo, Director for Planning, National Secretariat for Science and Technology (Panama)</li> <li>• Mr. David Obong, Permanent Secretary, Ministry of Science, Technology and Innovation (Uganda)</li> </ul> <p><i>Interactive discussion</i></p>
<b>16:30-18:00</b>	<p><b>Presentation of the new STI Policy Review Framework and UNCTAD network of innovation experts</b></p> <p>Introduction by Ms. Shamika N. Sirimanne, Director, Division on Technology and Logistics, Head of CSTD Secretariat, UNCTAD</p> <p>Presentations by:</p> <ul style="list-style-type: none"> <li>• Mr. Adrian Ely, Senior Lecturer, Science Policy Research Unit, University of Sussex</li> <li>• Mr. Jean-Eric Aubert, Consultant</li> <li>• Ms. Yesim Baykal, Programme Officer, UN Technology Bank for the Least Developed Countries</li> </ul> <p><i>Interactive discussion</i></p>

## Thursday, 16 May

<b>10:00-13:00</b>	<b>Informal consultations on draft proposals</b>
<b>15:00-15:30</b>	<b>Agenda item 2 and 3 Progress report by facilitators</b>
<b>15:30-18:00</b>	<b>Informal consultations on draft proposals</b>

## Friday, 17 May

<b>10:00-13:00</b>	<b>Informal consultations on draft proposals continue</b>
<b>15:00-18:00</b>	<b>Item 5 Election of the Chair and other officers for the twenty-third session of the Commission</b>  <b>Item 6 Provisional agenda and documentation for the twenty-third session of the Commission</b> <ul style="list-style-type: none"><li>• Adoption of the draft provisional agenda of the twenty-third session</li></ul> <b>Item 2 and 3</b> <ul style="list-style-type: none"><li>• Adoption of the draft proposals</li></ul> <b>Item 7 Adoption of the report of the Commission on its twenty-second session</b> <ul style="list-style-type: none"><li>• Adoption of the draft report</li></ul> <b>Closure of the session</b>