

ITU-T & ACADEMIA

About ITU

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The **United Nations Specialized Agency** for Information and Communication Technologies (ICTs)

Governments, industry and academia working together at ITU to:

- ✓ Build capacity and knowledge
- ✓ Research, statistics and analysis
- ✓ Set fair market rules and international standards for ICT markets
- ✓ Coordinate global ICT resources (satellite and spectrum management)

ITU will be 150 years young in 2015!



Global Presence

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[THIS IS ITU Video](#)

193
Member
States



700+
Members

Academia Members



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+80 universities and research centers in more than **40 countries**



3 Sectors of ITU



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Radiocommunication (ITU-R):

Manages the radio-frequency spectrum and satellite orbits

Standardization (ITU-T):

Produces standards and defines tariff principles for international telecommunication services

Development (ITU-D):

Facilitates the development of telecommunications/ICTs for members and partners (includes projects, policy, regulation and statistics)



Academia & the Standardization Sector (ITU-T)

Get full access to ITU-T meetings



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□ Take part in all **ITU-T Study Groups**:

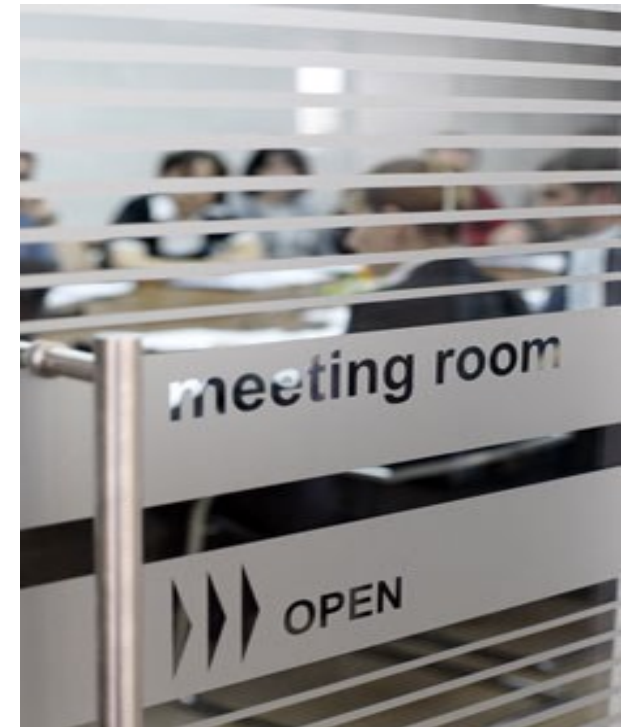
- | | |
|--|-----------------------------------|
| SG2 - Operational aspects | SG12 - Performance, QoS and QoE |
| SG3 - Economic and policy issues | SG13 - Future networks |
| SG5 - Environment and climate change | SG15 - Transport, Access and Home |
| SG9 - Broadband cable and TV | SG16 - Multimedia |
| SG11 - Protocols and test specifications | SG17 - Security |

□ Attend policy and **governance conferences**:

- ✓ Telecommunication Standardization Advisory Group
- ✓ World Telecommunication Standardization Assembly

□ Enjoy **unlimited participation** for Students and Faculty:

- ✓ no limited number of delegates /TIES accounts

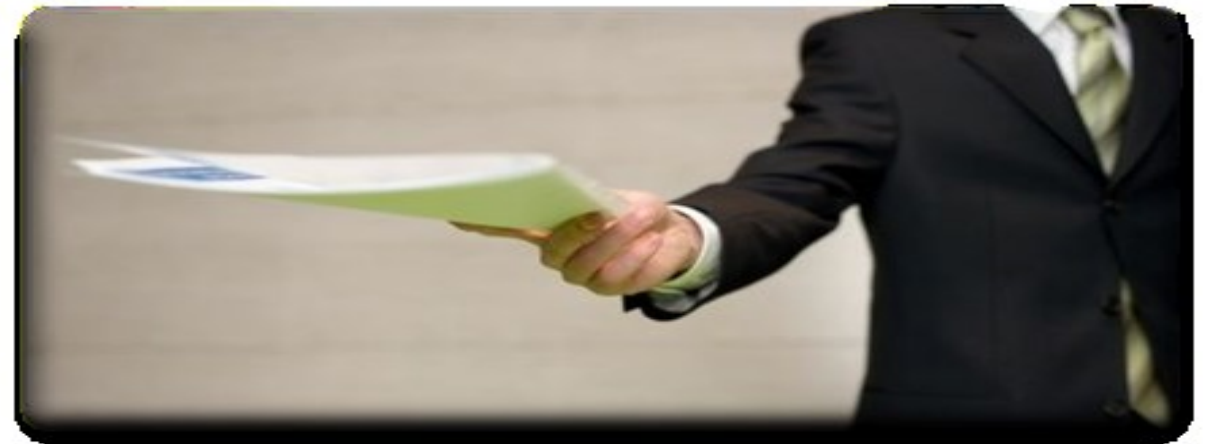


Contribute your ideas and skills to the standardization process



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- ❑ Submit **proposals for new standards** to Study Groups
- ❑ Take part in the **consensus building process** leading to approval of standards
- ❑ Have your innovation recognized as an **ITU-T Recommendation**
- ❑ Become **editors or rapporteurs** of a Study Group



Follow the work and participate remotely



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- ❑ **Electronic access to documents:** ITU TIES accounts and email address
- ❑ **E-meetings:**
 - ✓ Webcast provided for opening and closing plenaries of most meetings
 - ✓ Remote participation can be arranged for specific sessions
- ❑ **Informal FTP areas:** electronic platforms available to support Study Groups' correspondence work (repository and an exchange facility for documents)
- ❑ **Mailing lists:** subscription service for members to follow the work within each Study Group



Grow your technical knowledge



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- ❑ Attend **tutorials** on standardization and a wide range of ICT topics
- ❑ Host **ITU workshops** on your field of expertise
- ❑ Request **lectures by ITU Experts** at ITU, or on your campus
- ❑ Get access to a wide range of **exclusive resources** (handbooks, databases, etc.)



Become standardization experts: TSB Director's Group on Education about Standardization



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- ❑ Promotes ICT Standardization in **academic curricula**
- ❑ Provides information to **students** on standards related aspects
- ❑ **Inclusive platform** with ITU-T standardization experts, other standards development organizations and representatives of academia
- ❑ Subscribe to the mailing list: standardsedu@lists.itu.int



Gain hand-on experience: intern at ITU



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- ❑ **Wide range of skills** covered: from engineering and web design to public relations
- ❑ **Open duration:** from 1 to 6 months
- ❑ **Flexible work arrangements:** part-time, remotely
- ❑ **Term papers or bachelor theses** supervised by ITU experts

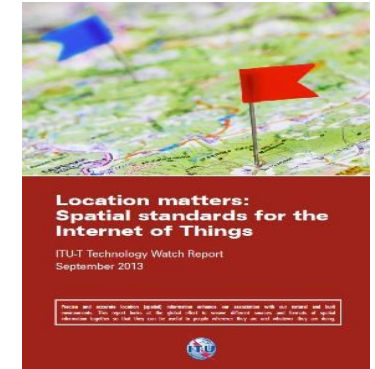
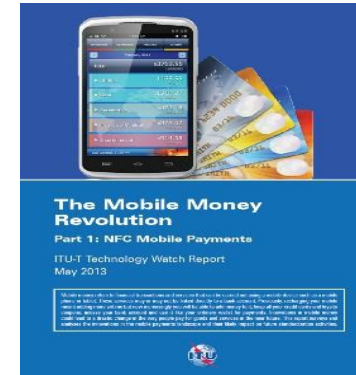


Publish and disseminate your research



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- ❑ Author an ITU-T **Recommendation**
- ❑ Publish an article in ITU-T **Tech Watch**
- ❑ Contribute to ITU-T toolkits and **reports**
- ❑ Give **tutorial** at ITU-T Study Group meetings
- ❑ Participate in ITU **Kaleidoscope** ...

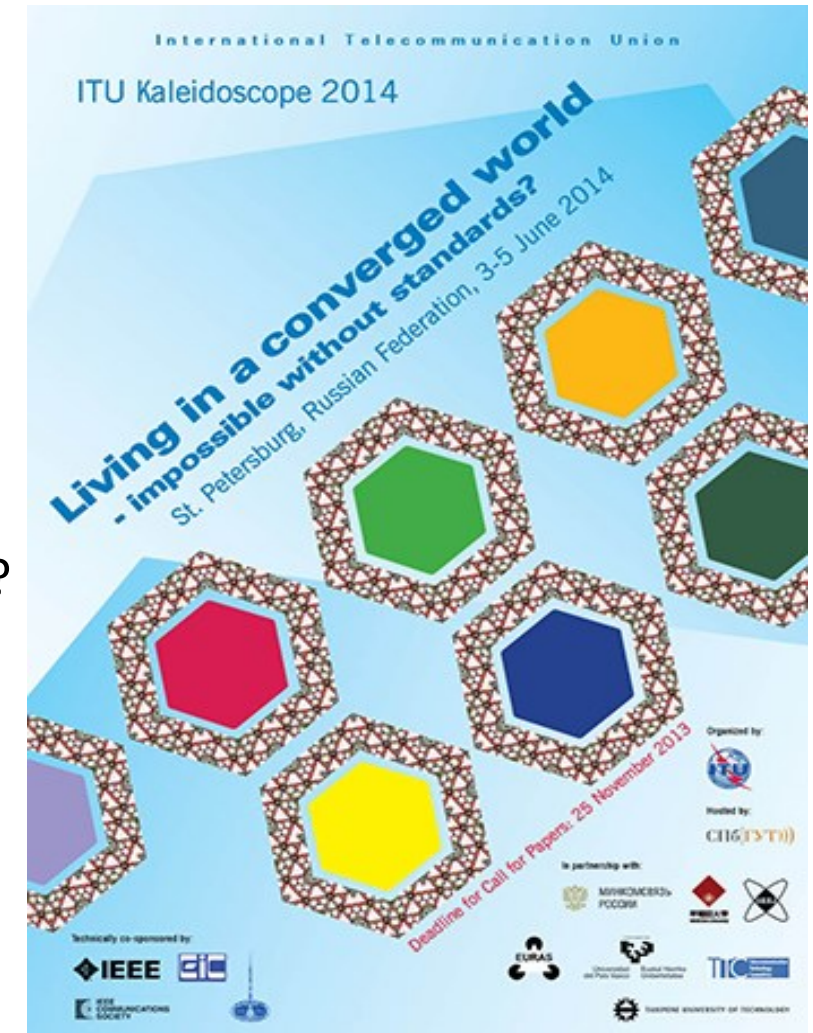


ITU Kaleidoscope Academic Conference



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- Brainstorming on **future trends** in ICTs standardization
- Total prize of **USD 10,000** for top 3 papers
- Best papers published in **IEEE Communications Magazine**
- **K-14:** Living in a converged world - impossible without standards?
Saint Petersburg, 3-5 June 2014
- Submit your paper at kaleidoscope@itu.int



Expand your profile and network



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- Exchange with other Academia members and develop **new partnerships**
- Meet private sector members and executives and find **sponsors** for your research
- Find out about internship and **job opportunities** for your students with governments and leading ICT companies
- Build up your **CV** as contributor to ITU-T Recommendations, rapporteur/editor of ITU-T Study Group, speaker at ITU event, etc.



Join ITU - How You Will Benefit

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All this...

- ✓ Increase Your Technical Knowledge
- ✓ Contribute to international standards and best practices
- ✓ Become an editor or rapporteur of ITU documents
- ✓ Raise the profile of your institution
- ✓ Share your expertise and access training and specialized seminars
- ✓ Engage in global and regional debates
- ✓ Launch innovative public-private partnerships
- ✓ Get access to world-leading ICT statistics

For only:

Institutions in developing countries:

CHF 2,000 per year

Institutions from developed countries:

CHF 4,000 per year

What Our Members Say...

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“Exceptional opportunity to contribute to ITU standards...Increased visibility at the national and international level”- Dr. Wael Bazzi, Associate Professor of Electrical and Computing Engineering



“In addition to falling closely in line with Georgia Tech’s strategic vision...our collaboration with ITU also aims at fostering productive relationships with industry, academia and other organizations actively working in the ICT arena”

— Alain Louchez, Director of Center for the Development and Application of Internet of Things Technology

“[ITU makes] students aware of the impact when standards are not used or defined in terms of security and quality of work”

- Prof. Maurizio Talamo, Computer Science Information Security



UNIVERSITA' degli STUDI di ROMA
TOR VERGATA
UFFICIO PARCO SCIENTIFICO



“We strongly believe that ITU has been playing and will continue to play an important role for shaping the whole IT industry and therefore the human's life” - Jian Song, Director of Tsinghua DTV Technology R&D Center, Tsinghua University

Join ITU – Contact Information

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For more information on Joining ITU contact
membership@itu.int
or visit
[Join ITU Website](#)



“The only source of knowledge is experience”
- Albert Einstein



Thank You