ITU & ACADEMIA

About ITU

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

An organization based on **public-private partnership** with a membership of **193 countries** and almost **800 private-sector entities and academic institutions**.

Over 100 Academia members from all over the world

Structure: 3 Sectors

Radiocommunication:

Manages the **radio-frequency spectrum** and **satellite orbits**, ensures interference free operations of **radiocommunication systems**

Standardization:

Produces **standards** and defines **tariff principles** for international telecommunication services

Development:

Facilitates the **creation, development and improvement** of telecommunication and ICT

Academia Participation in ITU

"Broadening our membership to include universities and academic institutions was a very positive step. For me, this is a great way of engaging talented young researchers and students in the vital work of ITU, and we will continue to promote this opportunity very actively under my leadership."

Houlin Zhao
ITU Secretary-General

Academia Members in Arab States

- ☐ Algeria   Centre de Développement des Technologies
- ☐ Oman   Sultan Qaboos University
- ☐ Oman   Higher College of Technology
- ☐ Sudan   University of Khartoum
- ☐ Sudan   Garden City College for Science
- ☐ Sudan   Open University of Sudan
- ☐ Tunisia   Ecole supérieure des Communications de Tunis (Sup'Com)
- ☐ Tunisia   Ecole supérieure privée d'Ingénierie

Benefits

- Network with governments, ICT companies and other academia peers from all over the world

- Increase your technical knowledge

- Become an editor or rapporteur of ITU documents

- Share your expertise and access training and specialized seminars

- Raise the profile of your institution at the international level

- Engage in global and regional debates

- Launch innovative public-private partnerships

- Get access to world-leading ICT statistics and studies

- Contribute to international standards and best practices

Participation in ITU Activities

- Study Groups
- ITU Academy & Centres of Excellence
- ITU Kaleidoscope Events
- Consultation meetings
- Contribution to the ITU research projects
- Contribution to the technical & policy regulatory papers
- ICT Challenges
- International Academia Online Network (coming soon)
- Ad-hoc Group on Education about Standardization
- Internships for students

Participation in Study Groups

Each Sector of ITU has a number of Study Groups related to the sectors' **specific field**.
Academia has the opportunity to contribute their ideas and expertise on important topics through various **Study Groups**.

Study Group themes include:

- Policy and Regulatory Reform
- Big Data
- Smart/Sustainable Cities
- Cybersecurity
- E-waste
- Connected car

- Spectrum Management
- Rural Connectivity
- Climate Change
- Economics of Roaming
- Disaster Relief
- Digital Financial Inclusion

And more...

ITU Academy & Centres of Excellence

ITU Academy integrates and provides **education, training and resources** on ICTs in cooperation with public and private sector partners

Professors serve as expert presenters in their field!

100 training activities in **32 Centers of Excellence** worldwide

- Africa: 6
- Americas: 6
- Arab States: 6

- Asia-Pacific: 6
- CIS: 3
- Europe: 5

Centers of Excellence

Africa	Americas	Arab States	Asia and Pacific	CIS	Europe
Ecole Supérieure Multinationale des Télécommunications (E.S.M.T), **Senegal**	Instituto Nacional de Investigación y Capacitación de Telecomunicaciones – Universidad Nacional de Ingeniería (INICTEL UNI), **Peru**	Institut National des Postes et Télécommunications (INPT), **Morocco**	TOT Academy – Ministry of Information and Communication Technology (MICT), **Thailand**	Odessa National Academy of Telecommunications (ONAT), **Ukraine**	Czech Technical University in Prague, Faculty of Electrical Engineering (CTU); **Czech Republic**
Ecole Supérieure Africaine des Technologies de l'Information et de la Communication (ESATIC), **Côte d'Ivoire**	Centro Internacional de Investigación Científica en Telecomunicaciones, Tecnologías de la información y las comunicaciones (CITIC), **Ecuador**	The Center of Information, Training, Documentation, and Studies in Communication Technologies (CIFODE'COM), **Tunisia**	National Information Society Agency (NIA), **Republic of Korea**	Kyrgyz State Technical University (KSTU), **Kyrgyz Republic**	Faculty of Electrical Engineering and Information Technologies, Ss. Cyril and Methodius University in Skopje (FEEIT);**The Former Yugoslav Republic of Macedonia**
Digital Bridge Institute (DBI), **Nigeria**	Centro de Investigación y Desarrollo en Tecnologías de la Información y las Comunicaciones (CINTEL), **Colombia**	Centre d'Etudes et de Recherche des Télécommunications (CERT), **Tunisia**	Advanced Level Telecoms Training Centre (ALTTC), **India**	Moscow Technical University of Communications and Informatics (MTUCI), **Russian Federation**	National Institute of Telecommunications (NIT); **Poland**
University of Rwanda, College of Science and Technology (URCST), **Rwanda**	Instituto Nacional de Telecomunicações (INATEL), **Brazil**	National Telecommunication Institute (NTI), **Egypt**	The International Multilateral Partnership Against Cyber Threats (IMPACT), **Malaysia**		Technische Universität Chemnitz (TUC); **Germany**
Centre for Learning, Telkom SA **South Africa**	Centro de Capacitación en Alta Tecnología para Latino América y el Caribe (CCAT LAT), **Argentina**	Sudatel Telecommunications Academy-SUDACAD, **Sudan**	China Academy of Telecommunications Research (MIIT), **China**		Institute for Technology and Quality (ISQ), **Portugal**
African Advanced Level Telecommunications Institute (AFRALTI), **Kenya**	Universidad Nacional de la Plata (UNLP), **Argentina**	Telecommunications Regulatory Authority (TRA), **Bahrain**	State Radio Monitoring Centre (SRMC), **China**		

Consultations with Academia in 2015

The purpose is to increase awareness and better understand unique interests of Academia:

- ☐ [ITU–D Academia Network Meeting on 11 September](#) (Geneva);

- ☐ Online Consultation on ITU Academia-Collaboration (Online in November);

- ☐ [Consultation meeting on ITU-Academia collaboration](#)(8 December, Barcelona)

INTERNATIONAL TELECOMMUNICATION UNION

CONSULTATION ON
ITU-ACADEMIA
COLLABORATION

8 DECEMBER 2015
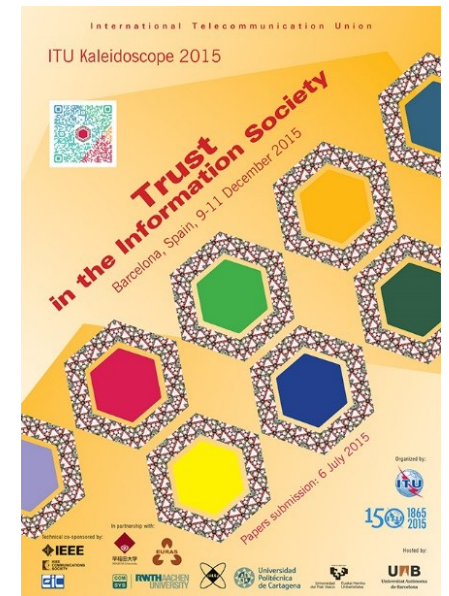BARCELONA, SPAIN

www.itu.int/academia

ITU Kaleidoscope Events

Annual academic conference to facilitate **networking** and provide a platform for **dialogue between experts and academia** on the standardization of ICTs

- Total prize of USD 10,000 for top 3 papers
- Best papers published in IEEE Communications Magazine
- Global recognition for your research and your top students

Kaleidoscope 2015 - Trust in the Information Society
Barcelona (Spain), 9-11 December 2015

Resolution 169 (Rev. Busan, 2014)

The 2014 Plenipotentiary Conference introduced a single annual fee for Academia to participate in the work of all three Sectors

Member States have been encouraged via ITU CL 29 to support Academia (as per Res. 169), highlighting the approach taken by Argentina.

Argentina's model: Make it easier for the Administration to deal with specific topics that form part of the work of the ITU Sectors. 22 national universities signed. 140 teachers and researchers participating in the work of the different study groups, assessing documents with remote meeting participation.

Some Member States have decided to organize events to raise awareness about ITU among Academia (i.e. Germany).

Some Member States have launched campaigns to raise awareness (i.e. Poland)

Some Member States have chosen to sponsor 1 or 2 universities (i.e. Zambia, Dominican Republic).

Join ITU – Apply for Membership

Participate in the work
of all three sectors:

Developing Countries
CHF 1'987
Developed Countries
CHF 3'975

What Our Members Say

"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, Georgia Institute of Technology, USA**

"Many thanks to ITU for the guidance, for acting as a bridge to get the members together for a better communication, and for acting as a platform for better cooperation" - **Dr. Yang Zhen, Professor and President, Nanjing University of Posts and Telecommunications, China**

What Our Members Say

"As a world-class technical research university promoting science-based innovation, we are proud to partner with ITU in the areas of information technology and telecommunication policy where ITU is the uncontested international leader. ITU plays an important role in shaping the ICT sector and we are happy to assist this international agency in achieving its mission and vision" - **Dr. Matthias Finger, Professor of Management of Network Industries and Director of the Institute of Technology & Public Policy, EPFL, Switzerland**

"Mobile phones and telecommunications are leading to major changes in industry, society and government and the ITU Academic Membership provides Mason faculty another avenue to engage actively and be in the forefront of the mobiles revolution'' - **Dr. J.P. Auffret, director of the MS in Technology Management Program, George Mason University, USA**

What Our Members Say

"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 by not only standardization process but also other methods. Tsinghua University as the academic member of ITU not only benefits this university itself but also can make more contribution for ITU to achieve its goal" - **Dr. Jian Song, Director of Tsinghua DTV Technology R&D Center, Tsinghua University, China**

"Spectrum Monitoring, mobile radio and cyber health are part of the specialized technical areas of Universidad ICESI; these are the areas of interaction with the work of the ITU-R which allow us to expand our horizons not only from a technical and academic perspectives but also for networking and international relations. Along with this process, ICESI has participated in ITU Study groups, ITU News and seminars where we believe our contribution as an Academia institution is valuable and enriching" - **Dr. Andres Navarro Cadavid, Director grupo de Investigación i2T, Universidad ICESI, Colombia**

Thank You

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