

ITU-T & Academia: a way ahead

Paolo ROSA

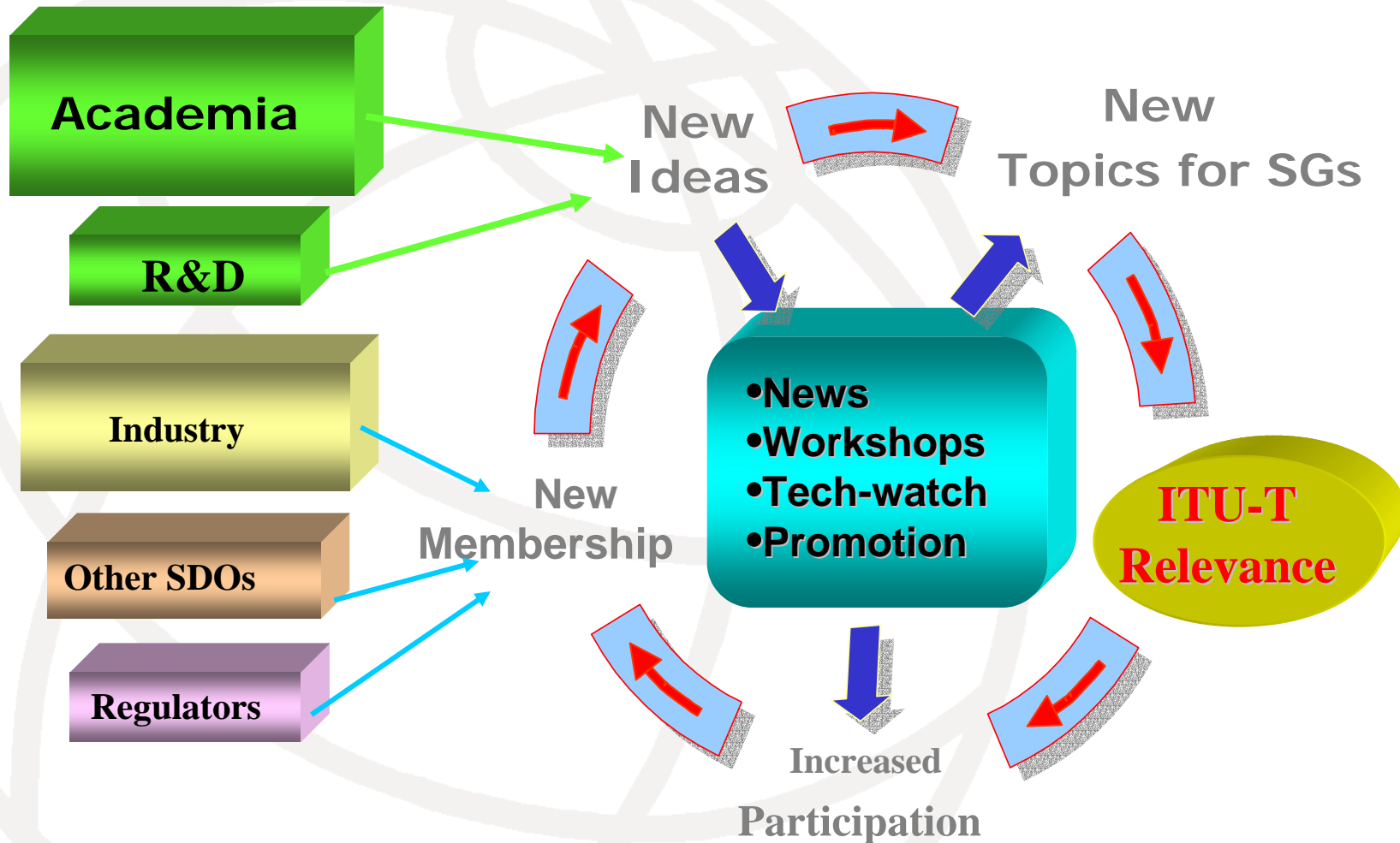
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Geneva



Academia & ICT world circle



Why Academia?

- Recognition of importance of capturing new work to ensure continued relevance in the standardization marketplace.
- Universities are an important and largely untouched pool of innovation.
 - Beyond Universities, small businesses (like start-ups) and R&D institutions could bring new work on emerging technologies. Initially, discussions are focused on Universities
- Students of today are the technology movers and shakers of tomorrow

Why ITU?

- Networking opportunities with most of the world's major ICT companies (ITU Sector Members).
- Exciting opportunity for any university to be part of an international team creating international standards
- Global exposure to new techniques from academia
- Access to ITU resources and events
- Possibility to have new, emerging technologies adopted as internationally recognized ITU standards
- Foster in academia a more standards-oriented culture that is based on a solid, global, open and transparent, consensus-driven environment

How academia has participated so far

- Discrete participation in SG activities
 - Some individuals from academia have leadership roles in ITU-T (Editors, Rapporteurs, chairs of technical committees)
- Little participation in Focus Groups, Incubators, Technology Watch, IPTV, RFID, NGN
- Some participation in ITU-T workshops
- No specific ITU membership policy for universities
- Very low visibility and presence of ITU-T in Universities premises/events
- Some important regional activities (e.g. ITU Centres of Excellence)
- Specific participation rules (next slide)

Some answers already available in ITU-T

- Free participation in some Focus Groups and Rapporteurs' groups meetings
- Invitation to SG meetings as experts
- Free participation in Workshops and Seminars
- Available Web platform: Technology Watch
- Free Recommendations on line
- Possibility to provide secretariat support
- Availability to co-organize events
- Broker for research project sponsors
- Guest staff members (e.g. visiting professors and students/researchers)

Consultation Meeting

18-19 Jan 2007 – Results (1)

Created an informal group to discuss about:

- Creation of an ITU-T/Academia Steering Committee (IASC).
- Preparation of promotion plan for ITU-T activities (workshops, meetings, etc) in the academic environment (coordinated with other ITU-T promotion initiatives).
- Development of an action plan for educational initiatives.
- Identification of opportunities for the organization of workshops and symposia, possibly co-located with ITU-T meetings and harmonized with the ITU-T Workshop/Seminar programme.

Consultation Meeting

18-19 Jan 2007 – Results (2)

- Free selective access to working documents and ITU-T Recommendations could be granted on a case-by-case basis to professors, e.g. as support for preparing graduate and undergraduate courses and for supporting research projects.
- Definition of a new membership category to allow easier participation of academia in the work of ITU-T.
- Promotion of the mechanisms that allow participation of members of academia as experts in ITU-T activities with no or very limited financial engagement.

Kaleidoscope Conferences

ITU-T multi-topic events (Kaleidoscopic Conferences) enhancing participation of academia and research organizations in ITU-T activities

The first: **“Innovation in NGN”** will take place on 12-13 May 2008

(<http://itu.int/ITU-T/uni/kaleidoscope>)

One place to share knowledge, procedures, experiences and results by experts, scientists, visionaries and academics from all over the world

Unique networking environment in which to discover new standardization areas and new technologies those can be input into ITU-T Study Groups and TW-Correspondence Group

Innovations in NGN – Future Network and Services

An ITU-T Kaleidoscope Event Technically co-sponsored by IEEE Communications Society

Geneva 12-13 May 2008

Track 1: NGN architecture evolution

Track 2: Application and services over the NGN

Track 3: Social, economic and policy issues in the
ubiquitous societies



Awards

Awards will be granted to selected best papers, as judged by the organizing and programme committee. Details will be announced later.



<http://itu.int/ITU-T/uni/kaleidoscope>.
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Innovations in NGN – Future Network and Services

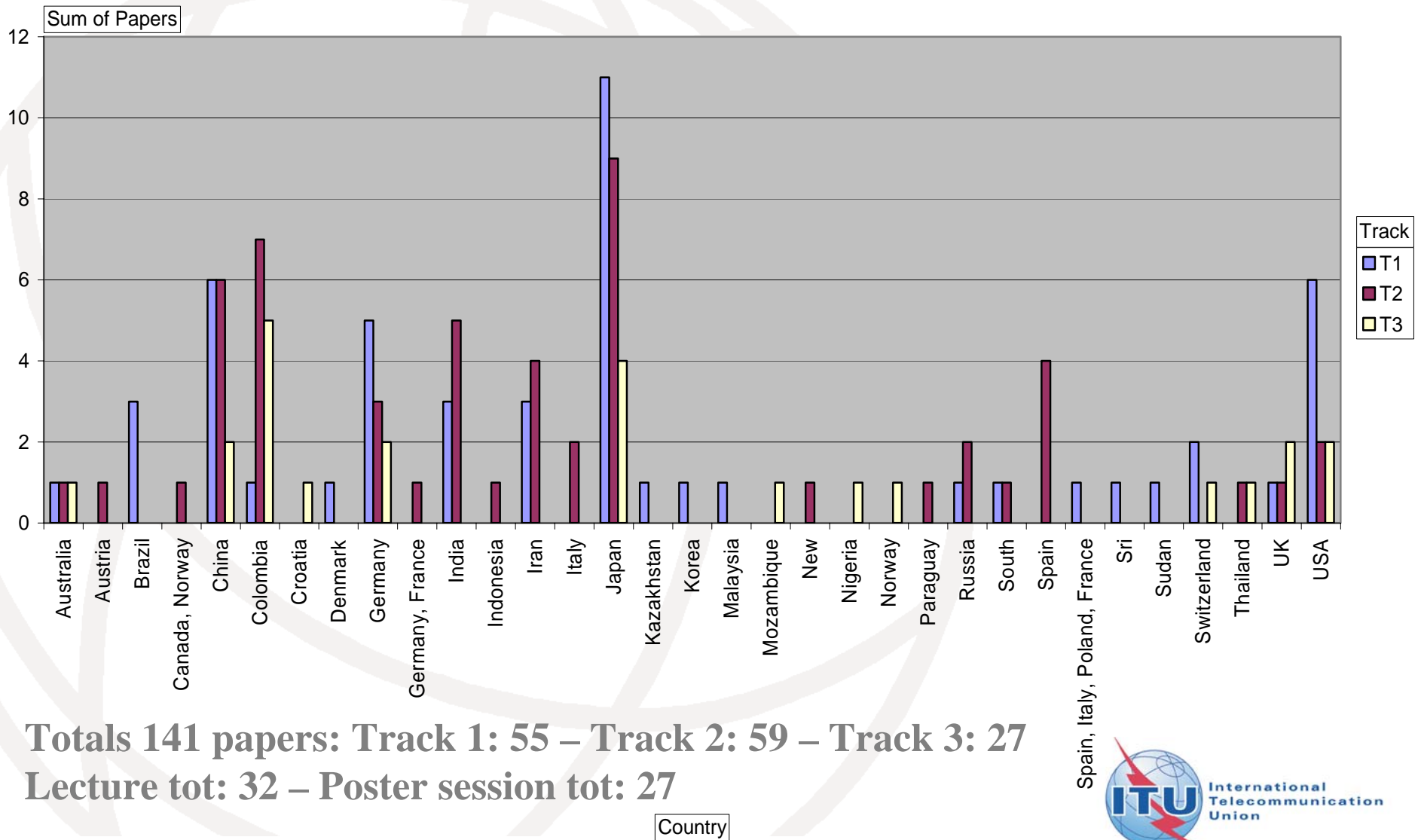
An ITU-T Kaleidoscope Event Technically co-sponsored by IEEE Communications Society

- **More than 80 professors, worldwide, as papers reviewers**
- **More than 140 scientific papers received**
- **About 40 – 50 accepted for presentation at the Conference**
- **75% of papers from academic institutions**

<http://itu.int/ITU-T/uni/kaleidoscope>. kaleidoscope@itu.int.



K-INGN – Summary number of paper proposals and demographics by track



Totals 141 papers: Track 1: 55 – Track 2: 59 – Track 3: 27

Lecture tot: 32 – Poster session tot: 27



Thanks !



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Mr. Paolo Rosa graduated in physics the 1974 in Rome, Italy and worked for the PT Ministry from 1974 to 1996.

He worked on optical communications and represented the Italian administration in national and international standards organizations becoming expert and senior advisor for the Italian Foreign Office, the UNDP and ITU in several projects in various developing countries.

He is author of several papers and gave presentations at international conferences, seminars and workshops.

In 1997 he joined the ITU-T secretariat in Geneva as Counselor responsible for Study Groups 6 and SG 15. Since 2005 he is the Head of the Workshop and Promotion Division of the ITU-T.

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