

ITU-T Kaleidoscope Conference Innovations in NGN

Organising Innovation in Services: The Case of Telecommunications Next Generation Networks

Carlos Sato (University of Sussex, UK)

ITU standard and patent

Isamu Yoshimatsu (NTT Corp., JP)

Rethinking ITU Intellectual Property Right Policy in Response to Challenges of Intellectual Property Rights Surrounding ICT Standards

Ping Zhang (Peking University, CN)

The Costs and Benefits of Separating Wireless Telephone Service From Handset Sales and Imposing Network Neutrality Obligations

Rob Frieden (Pennsylvania State University, US)

Session# 9, Economics of standardisation

Kai Jakobs, RWTH Aachen University

Geneva, 12-13 May 2008

Highlights from Paper 1

“Organising Innovation in Services: ..”

- The locus of innovation is becoming more blurred => ‘Open innovation’ combines and integrates capabilities of many players.
- Technology will become ‘invisible’, services and applications will be important.
- *We need to better understand the roles of standards in the innovation process.*

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First ITU-T Kaleidoscope Conference – Innovations in NGN

Highlights from Paper 2

“ITU Standards and Patents”

- A definition of the precise meaning of ‘reasonable’ (in RAND licensing) would be helpful.
- Patent Pools should be a way forward with respect to IPR management.
- ITU needs to at least help determine the ‘essentiality’ of a patent.
- *Will ‘IPR-shopping’ emerge without co-ordinated IPR policies?*

Highlights from Paper 3

“Rethinking ITU IPR Policy ...”

- ITU-T’s RAND IPR policy is a stumbling block for future standards developments.
- Almost all IPR holders are based in developed countries - this is an issue for developing countries.
- Ex-ante RAND and patent pools would be improvements.
- *How to address ‘strategic’ disclosure?*

Highlights from Paper 4

“Costs & benefits of separating ...”

- The move towards provision of integrated services over wireless networks changes market conditions.
- Should wireless networks be subject to a similar regulatory regime as wire-based services?
- *Why is there a distinction between wireless and wired in the first place?*
- *(How) could standards help here?*

Observations from Session 9

- IPR is a crucial issue that urgently needs to be addressed.
- We do need a better understanding of the relations between standards, innovation, policies, and markets.

Some Personal General Observations from the Conference

- First and foremost - this has been a successful event.
- People seemed to be enjoying themselves.
- The TSB has done a great job.
- Longer discussions would be great.
 - Allow more time for discussions.
 - Make session chairs encourage discussion.
- The Poster Session was well attended.

Some Recommendations

- Highlight best paper awards.
- Emphasise recognition of best student papers (and define eligibility criteria).
- Stress low acceptance rate for full papers (<30%).
- Use a more visible web site (www.kaleidoscope.org)
- Advertise 'IEEE explore' prominently.
- Have proceedings published by IEEE.

Some More Recommendations

- Improve conference visibility in academic circles.
 - Publish reports in suitable outlets.
 - Have 2009 CfPs published/printed *early* and let OC/PC members distribute them.
- Don't under-estimate the 'tourism' aspect.
 - Pick future venues wisely.
 - Offer 'spouse programmes'.
 - Identify options for back-to-back events.

And Finally

Charge registration fees
(at least outside Geneva).