



Telecommunications - The Infrastructure for the 21st Century
World Telecommunications Congress 2012
incorporating ISS and ISSLS

March 5-6, 2012 Miyazaki, Japan
<http://www.wtc2012.jp>



Call for Papers

Telecommunications is the major enabler of new ways of working in the 21st Century. There have been dramatic changes in network architecture, service capabilities, and business models in response to emerging needs and applications. The World Telecommunications Congress (WTC) brings together leading experts from industry, academia and government to map out the future requirements for telecommunications technologies, applications and policy.

WTC builds on the traditions of quality, timeliness and open interaction from its origins in the ISS (International Switching Symposium) and ISSLS (International Symposium on Services and Local Access). Authors are cordially invited to submit papers to WTC 2012, to be held in Miyazaki, Japan. Particularly relevant topics for papers are suggested below:

Topics

Network and Technology development

- Data and network security
- Fixed and mobile access networks
- Future Internet
- Mobile ad-hoc, mesh and sensor networks
- Network and service management
- Next Generation Networks
- Optical networks for access, metro and core networks
- Cloud/Grid computing
- Quality of Service and traffic control
- The impact of data traffic explosion

Emerging Business Models

- Economics of new generation services
- Green Telecoms
- Smart Government, Smart Health, Smart Learning
- Closed loop health care
- Vertical applications in different business areas

Green and Sustainability

- Green Telecoms, Technologies, Architecture
- Energy Efficient Network Architecture
- Breakthrough Technologies for Energy Efficient Network
- ICT Business Models for Energy Reduction
- Efficient Use of ICT for Ecological and Sustainable Society

Applications & Services

- Service development & deployment
- Ambient Assisted Living networking solutions and services
- Cloud/Grid services
- Fixed-Mobile convergence
- New video communications and content distribution
- Social networking and multimedia services
- Immersive communications platforms
- Gaming architectures
- Smart Grid, Smart City
- Digital information preservation and retrieval

Regulatory and Policy Issues

- Telecommunications as a productivity enabler
- Bridging the Digital Divide
- Network neutrality
- Networking solutions for critical infrastructures
- Next-generation voice regulation
- Privacy & personal security
- Spectrum issues and the Digital Dividend
- Standardization strategies

Important Dates

- Paper submission : ~~August 31, 2011~~ (Closed)
- Acceptance notification : ~~October 13, 2011~~
- Camera ready due : November 18, 2011
- Conference : March 5-6, 2012

Conference Venue

Phoenix Seagaia Resort, Miyazaki, Japan
http://www.seagaia.co.jp/index_en.html

Sponsor : IEICE Communications Society
Technical Sponsorship : VDE/ITG, IEEE Communications Society



Submissions and Selection Criteria

Authors are invited to submit either full papers or short papers describing original, previously unpublished work, not currently under review by another conference or journal, addressing a novel aspect of the topic. All papers will be peer-reviewed, accepted papers will appear in the conference proceedings and will be listed in IEEE Xplore.

Full technical papers may be no longer than 6 pages. Short business application papers are primarily intended for work in progress or contributions on recent trends and issues. They should be no longer than 3 pages and should provide a succinct summary of the author's contribution.

Papers must be submitted electronically via EDAS (<http://www.edas.info>) and must conform to the templates available on the conference website.

All submissions will be assessed on the basis of quality, novelty and relevance to the conference themes. Acceptance of a paper and publication in the proceedings are conditional on at least one author registering at the full rate and presenting the paper at the congress.

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