

# annals of telecommunications

Annales des télécommunications

Call for papers

Special issue on

## Virtualization: a path for the future Internet

The **Annals of telecommunications** journal, published by Springer from 2008, announce a forthcoming issue on Virtualization: a path for the future Internet.

Network virtualization is a fundamental technological innovation that allows engineers to deploy creative solutions. This concept is taking one network and making it appears to be many networks with different architectures. Virtualization can deal with different resources: routers, switches, links and more generally any network equipment. For example, a virtual router has exactly the same functionalities than a physical router, and therefore can inherit all existing mechanisms and tools for configuration, deployment, operation, troubleshooting, monitoring, and accounting. Multiple virtual routers can exist in a single physical device. Network virtualization has to deal with some important issues like: dynamic provisioning, sharing control, isolation and security.

Network virtualization is increasing significantly in importance within operators but also within corporate networks.

Contributions are solicited on all aspects of Virtualization as soon as New Generation Networks are concerned.

The areas of interest for this special issue include, but are not limited to the following:

- Virtual Network Infrastructure
- Virtual networking
- Wireless virtualization
- Architecture virtualization
- Data plane virtualization
- Control plane virtualization
- Management plane virtualization
- Knowledge plane virtualization
- New Generation Networks
- Protocol virtualization
- Prototype
- Experiment
- Testbed

### Important dates

- ▶ May 1st, 2008: Deadline submission of the paper
- ▶ September 1st, 2008: Author notification
- ▶ October 1st, 2008: Final paper due
- ▶ Expected Publication: Early in 2009

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### Manuscript submission

Manuscripts should be submitted according to the instructions available at: [http://www.annals-of-telecommunications.com/documents/authors\\_instructions.pdf](http://www.annals-of-telecommunications.com/documents/authors_instructions.pdf), and sent electronically in PDF format by e-mail to one of the guest editors before the deadline. Please also include information about the manuscript (title, complete list of authors, corresponding author's contact, abstract, and keywords) in the body of your submission email message. Articles have to be in English, 15-25 pages each and will be peer-reviewed by at least three experts working in the areas.