

First International Conference on Future Information Networks

October 14-17 2009 Beijing China

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Technically Co-sponsored by IEEE Communications Society

In the past few decades, the Internet has made remarkably success. However, its architecture is losing its original simplicity and transparency, due to the emergence of new classes of applications, operational and management requirements, business models, security mechanisms and scalability enablers give rise to point solutions that extend the architecture without regard to the original design principles.

While these mechanisms are necessary for Internet operation under current economical, technical and social conditions, their combination has significantly increased the complexity of the Internet and reduced the potential for incremental evolution of the Internet architecture. As a result, several substantial Future Internet initiatives have started in Europe, the US and Asia, and the vendor and network operator communities are also actively discussing the limitations of the current Internet architecture as well as its potential evolution.

This conference will discuss what the real underlying problems are with the Internet and how we might fix them, so that the architectural simplicity and clarity of the Internet can be regained and retained for another 30+ years.

This conference solicits original, high-quality papers that analyze, and discuss ideas for a new Internet architecture, including specific improvements to current Internet protocols, especially at the internetworking, transport and application layers, new internetworking components that integrate into the existing architecture and ideas for clean -slate internetworking architectures.

All submissions will be reviewed by the TPC and selected experts. Accepted papers will be appeared in the conference proceedings published by IEEE Xplore electronically as well as in hard copy, and be indexed by EI. Selected papers will be published in special issues of Chinese Journal of Electronics (SCIE indexed) or ACTA ELECTRONICA SINICA (EI indexed).

Important Dates

Paper Submission

April 15, 2009

May 4, 2009(Extended)

Acceptance

notification

July 15, 2009

Camera-ready due

August 15, 2009

Conference

October 14-17, 2009

Latest News

- Submission System EDAS open
- The conference is technically Co-sponsored by IEEE Communications Society
- Deadline for Paper Submission Extended **NEW**

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