Editorial

© Tsinghua University Press and Springer-Verlag Berlin Heidelberg 2012

The unprecedented advancement of networking technologies, particularly the Internet and mobile applications, is changing our life. The research achievements are published in a number of conferences and journals. However, there is little reporting of the exciting networking activities in the Asia Pacific region that is evolving from low tech manufacturing to high tech economy.

This new journal *Networking Science* is created to be an international journal, as a platform for information exchange of the progress in networking science and technologies worldwide, particularly in the Asia Pacific region. It contains original, high quality and peer-reviewed research papers and survey articles in the networking area. It also disseminates industrial trends and interdisciplinary works.

Networking Science has a founding editorial board of well-known international researchers and industrial technologists. It is jointly published by Springer and Tsinghua University Press.

We are delighted to present the first issue with six contributions. Networking is a matter of information content delivery. “*Exploring the stratified shortest-paths problem*” proposes a new information routing method and “*The K-observer problem in computer networks*” discusses an intriguing approach of information collection. IPv4 to IPv6 transition is inevitable. “*Flexible integration of tunneling and translation for IPv6 transition*” is a report of the recent progress. In wireless communications femtocell emerges as

an alternative solution to Wi-Fi for the last mile broadband access. “*Radio resources management in green femtocell networks*” is focused on the resource management of femtocell networks. For all the networking provision security cannot be overemphasized. “*Rotation based secure multicast key management for batch rekeying operations*” studies the key management problem that remains a challenge for message encryption. Networking service is not provided for free and there is an urgent need for scientific and fair pricing and billing procedures. “*Internet resource pricing models, mechanisms, and methods*” describes a preliminary scheme for further development.

We appreciate your attention to and count on your support that is essential to make *Networking Science* a premiere networking journal; we invite you to submit your best works to share with the community.

Co-Editors-in-Chief

Jianping Wu

Department of Computer Science
Tsinghua University, China

David Lee

Networking and Communications Lab, HP Labs
Department of Computer Science and Engineering
The Ohio State University, USA