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Special Issue on
IPv6: The Next Generation Internet Protocol



Description

The next generation of the Internet Protocol called IPv6 has evolved considerably since it was first defined in the early 90's. Whereas the main thrust of IPv6 is the greatly increased addressing space, which is expected to provide ample address space for the foreseeable future. IPv6 also introduces several other features like integrated security (IPsec), improved mobility support (Mobile IPv6), integrated multicasting, QoS support with the provisioning of flow labels and auto-configuration, etc. In order to speed up the deployment of IPv6 around the world, all those advantages embedded with it should be explored thoroughly. Computer Communications, which is a SCI journal, invites original, previously unpublished research, survey and tutorial papers, plus case studies and short research notes, on both applied and theoretical aspects of data communications. Topics of interest include but not limited to:

- Next Generation IPv6-based Networks
- Routing and Address Space Management
- Security and Privacy Aspects
- Multicasting, Any-casting and Multimedia Distribution Networks
- Mobile Network Architecture
- Performance Aspects in IPv6
- IPv4 to IPv6 Transition and Strategies
- Large Scale IPv6 Trial Experiences and Commercial Services
- Ubiquitous Networking Applications
- IPv6 Management and Operations Support

Submissions

Author's guideline can be found at <http://www.elsevier.nl/locate/comcom>. Each submission should include a cover page with the title of paper, name and affiliation of all authors, name and contact address, fax, and email address of the corresponding author, a list of five key words, and a short abstract of maximum 200 words. Please send PDF (preferred) or Microsoft Word formatted papers to **Jiann-Liang Chen (Lchen@mail.ndhu.edu.tw)** according to the following timetable. The cover page and the manuscript must be sent in separate files. All papers will be reviewed by experts for technical merit, correctness, and relevance.

Important Dates

Full Manuscript Due	15 Decemeber 2004
Acceptance Notification	15 March 2005
Revised Manuscript Due	15 May 2005
Final Manuscript Due	15 July 2005

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