# Wireless Communications and Mobile Computing (Wiley Publication)
# Special Issue on Next Generation Mobility Management

   As mobile computing is more and more widespread, mobility support for Internet devices becomes very important. Mobile IPv6 (MIPv6) is a promising technology that handles the mobility management and provides the seamless mobile communications. It is expected that MIPv6, as a standard for mobile communication, will open the Mobile Internet Age. In MIPv6, it has been observed that mobility for mobile devices can be more efficiently handled if mobility management is broken down into localized mobility management and global mobility management. Therefore, host-based approaches such as Fast-Handovers for MIPv6 (FMIPv6) and Hierarchical MIPv6 (HMIPv6) have been proposed for localized mobility management. In addition, Proxy MIPv6 (PMIPv6) has been presented for the network-based localized mobility management (NETLMM), which does not require mobile devices to be involved in the signaling for mobility management. The objective of this special issue is to present a collection of high-quality research papers that report the latest research advances in the area of MIPv6 focusing on PMIPv6 and NETLMM, which have recently gained considerable attention. Suggested topics include (but are not limited to):

- Communications network architecture for MIPv6 and NETLMM
- Efficient handover mechanism in MIPv6 and NETLMM
- Enhanced route optimization for MIPv6 and NETLMM
- QoS protocol in MIPv6 and NETLMM
- Performance model for MIPv6 and NETLMM
- Applications and services based on MIPv6 and NETLMM
- Security issues and protocols for MIPv6 and NETLMM
- Security threats and model for MIPv6 and NETLMM
- Privacy and trust for MIPv6 and NETLMM
- Key management and authentication for MIPv6 and NETLMM
- Access control for MIPv6 and NETLMM
- AAA Infrastructure for MIPv6 and NETLMM
- Early binding update and credit based access control for MIPv6 and NETLMM
- Personal or Cellular communications services based on MIPv6 and NETLMM
- Successful MIPv6 and NETLMM deployment
- Mobility support for the next generation internet
- MIPv6-based Wireless Sensor Networks (WSN) / RFID application
- Mobile IP for business
- Mobility management for wireless network
- Implementing mobile IP enterprise management solution
- Integrating mobile data services into enterprise infrastructure
- Others and emerging new topics



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## Schedule:

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| Manuscript submission deadline: | January 1, 2009 |
| Notification of acceptance: | May 1, 2009 |
| Submission of final revised paper: | August 1, 2009 |
| Publication of special issue: | November, 2009 |

## Submission Procedure:

Authors should follow the Instructions to Authors available at the journal's homepage http://www.interscience.wiley.com/journal/wirelesscomms. A copy of the manuscript should also be emailed to the corresponding editor (ilsunu@gmail.com and hcc@niu.edu.tw) as pdf files.