



**CALL-FOR-PAPERS**  
**Springer Mobile Networks & Applications (MONET)**  
<http://link.springer.com/journal/11036>

**SPECIAL ISSUE ON**  
**Emerging Networking Technology for Internet of Things**

**Overview:**

The Internet of Things (IoT) is considered to be one of the most critical network forms that the next generation wireless network must support, which will increasingly affect human life and work. Network technology is one of the core technologies of the Internet of Things since it is responsible for connecting multiple devices of the Internet of Things efficiently to achieve the purpose of information transmission, data processing and resource sharing. In recent years, academia has proposed many valuable protocols, algorithms and solutions for the networking technology of Internet of Things, while industry and standardization organizations (such as 3GPP and IEEE) are also accelerating the standardization process of the Internet of Things. At present, the Internet of Things is expanding to the fields of vehicle network, smart city, smart home, space network and so on. In order to cope with the rapid development of application scenarios and business service requirements, Internet of Things networking needs to explore and introduce a series of emerging research results. Therefore, the special issue focuses on the emerging networking technologies for the next generation IoT.

**Topics**

Topics of interest include, but are not limited to, the following scope:

- New network architectures for IoT	- Multi-media technology for IoT
- Routing algorithms and protocols for IoT	- Big data for IoT networking
- Multiple access control technology for IoT	- AI/ML/DL assisted IoT
- 5G enabling IoT networking technology	- Cloud computing, fog computing, and edge computing for IoT
- 802.11 enabling IoT networking technology	- IoT for space communications and networking
- M2M and V2X Networking	- IoT as a service
- IoT Standardization	- Green Networking
- Information theory and processing of IoT	- Sensor Networking
- Ad Hoc networking for IoT	
- Emerging PHY technology for IoT	

**Important Dates**

- **Manuscript submission deadline: October 18, 2019**
- Notification of acceptance: December 18, 2019
- Submission of final revised paper: February 18, 2020
- Publication of special issue (tentative): 2st or 3nd Quarter, 2020

## Submission Procedure

Authors should follow the MONET Journal manuscript format described at the journal site. Manuscripts should be submitted on-line through <http://www.editorialmanager.com/mone/>. A copy of the manuscript should also be emailed to the Guest Editors at the following email address(es): [libo.npu@nwpu.edu.cn](mailto:libo.npu@nwpu.edu.cn).

### Guest Editors:

#### **Bo Li, Northwestern Polytechnical University ([libo.npu@nwpu.edu.cn](mailto:libo.npu@nwpu.edu.cn))**

Dr. Bo Li received the B.S., M.S. and Ph.D degrees in communications engineering from Xidian University, Xi'an, China, in 1994, 1996 and 2002, respectively. From 1997 to 1998, he was selected to study in the Electrical Engineering Department of Shizuoka University in Japan as an exchange student. From 2002 to 2004, he was a Postdoctoral Researcher at the University of Trento, Trento, Italy. In 2007, as a visiting professor, he visited the CITI LAB of INSA LYON for 6 months. He is currently with the School of Electronics and Information Engineering, Northwestern Polytechnical University, Xi'an, China, as a Full-Time Professor. He has authored about 80 research papers in the area of wireless communications and networking. Among these papers, some are published on famous international journals, such as, the IEEE Transactions on Vehicular Technology, the IEEE Communication Letters, and the International Journal of Computer Networks and so on. Moreover, these papers are cited by other authors for over 200 times. His current research interests include broadband wireless mobile networks, wireless local area networks, multimedia wireless communication networks, cross-layer design of wireless communications systems and resource allocations. In the above research areas, he is holding 13 authorized invention patents.

#### **Yong Li, Tsinghua University ([liyong07@tsinghua.edu.cn](mailto:liyong07@tsinghua.edu.cn))**

Dr. Yong Li received the B.S. degree in electronics and information engineering from Huazhong University of Science and Technology, Wuhan, China, in 2007 and the Ph.D. degree in electronic engineering from Tsinghua University, Beijing, China, in 2012. He is currently a Faculty Member of the Department of Electronic Engineering, Tsinghua University. Dr. Li has served as General Chair, TPC Chair, TPC Member for several international workshops and conferences, and he is on the editorial board of two IEEE journals. His papers have total citations more than 3600 (six papers exceed 100 citations, Google Scholar). Among them, eight are ESI Highly Cited Papers in Computer Science, and four receive conference Best Paper (run-up) Awards. He received IEEE 2016 ComSoc Asia-Pacific Outstanding Young Researchers and Young Talent Program of China Association for Science and Technology.

#### **Song Xiao, Xidian University ([xiaosong@mail.xidian.edu.cn](mailto:xiaosong@mail.xidian.edu.cn))**

Dr. Song Xiao is now a professor and Ph.D director of communication and information system, State Key Lab of ISN, with Xidian University, Xi'an, China. She is also Associate Dean of Graduate School, Xidian University. She received her M.S. degree in communication and information system and Ph.D in signal and information processing from Xidian University, Xi'an, China in 2001 and 2004, respectively. From 2006 to 2007, she was with Viterbi School of Engineering, University of Southern California, as a postdoctoral researcher. Her research interests include image compression and coding, joint source channel coding, multimedia transmission systems over wired/wireless network, compressed sensing. She has authored over 80 international journal and conference papers. She is the Secretary-general of Image Application in Military and Civilian Integration (IAMCI) Professional Committee of China Society of Image and Graphics. She is a Council member of Shaanxi Society of Image and Graphics and is a member of the IEEE Multimedia Communication Technology Committee and the IEEE Signal Processing Society.



<http://www.springer.com/journal/11036>

Mobile Networks and Applications

The Journal of SPECIAL ISSUES on Mobility of Systems,

Users, Data and Computing

Editor-in-Chief: Chlamtac, I.

ISSN: 1383-469X (print version)

ISSN: 1572-8153 (electronic version)

Journal no. 11036