

CALL FOR PAPERS

11th International Conference on Heterogeneous Networking for Quality, Reliability, Security and Robustness

Full Paper Submission Deadline: 19 April 2015

19-20 August, 2015 – Taipei, Taiwan



Scope

Computer networking has been embracing increased heterogeneity since its inception, in terms of the range of the applications it has to support, the various communication technologies it can run on, and the hierarchical, hybrid and heterogeneous techniques it has to rely on to meet the challenges from both the diverse application requirements and communication technologies.

As the only conference focusing on heterogeneous networking, Qshine has been established as the primary venue for researchers and practitioners to disseminate, exchange and discuss all recent advances related to heterogeneous networking, particularly for quality, experience, reliability, security and robustness. The 2015 edition of Qshine will focus on **Innovative and Intelligent Infrastructure for the Future Networks**.

Original submissions, not under any concurrent reviews, are solicited in all areas related to heterogeneous wired, wireless and hybrid networks varying from sensor, vehicle, cellular, ad hoc, enterprise, datacenter, to service-provider and overlay networks, ranging from in/on-body, personal/local/metropolitan/wide-area, to intra/inter-planetary scales.

Highlights

- The event is endorsed by the [European Alliance for Innovation](#), a leading community-based organisation devoted to the advancement of innovation in the field of ICT.
- Qshine 2015 is technically co-sponsored by [IEEE Taipei Section](#).
- The conference will focus on **Innovative and Intelligent Infrastructure for the Future Networks** and it will take place at [Howard International House](#).
- Keynote speakers: [Prof. Yi-Bing Lin](#) from Ministry of Science and Technology and [Prof. Kwang-Cheng Chen](#) from National Taiwan University.
- All accepted papers will be submitted to IEEE Xplore for archival processing.
- Selected extended versions of accepted papers will be considered for the following SI: MONET (SCIE), MIS (SCIE), JIT (SCIE), JoC (EI), EAI Endorsed Transactions on Mobile Communications and Applications

Conference topics

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

- **Quality-of-Service (QoS) provisioning:** architectures, protocols, mechanisms, etc.
- **Quality of Experience (QoE):** user-perceived quality, cost-sensitive experience, etc.
- **Reliability and Scalability:** performance, adaptation, cognition, extensibility, etc.
- **Security and Privacy:** system/network security, user privacy/accountability, etc.
- **Robustness:** fault/disruption/disaster-tolerance, resilience, survivability, etc.
- **Cross-Layer Design, Optimization and Implementation:** spectrum/energy efficiency.
- **Social and Economic Perspectives:** incentive, pricing, billing, governance, etc.
- **New Applications and Communication Technologies:** cloud, smart grid, SDN, etc.

Venue

Howard International House (福華文教會館)

<http://intl-house.howard-hotels.com/>

Important dates

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|-----------------------------------|---------------|
| • Full Paper Due | 19 April 2015 |
| • Acceptance Notification | 27 June 2015 |
| (for authors from Mainland China) | 1 May 2015 |
| • Camera-ready Due | 14 July 2015 |

Organizing committee

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Keynote Speakers

Prof. Yi-Bing Li

Ministry of Science and Technology, Taiwan

Yi-Bing Lin received his Bachelor's degree from National Cheng Kung University, Taiwan. In 2010, Lin became a lifetime Chair Professor of NCTU (National Chiao Tung University), and in 2011, the Vice President of NCTU. Since 2014, Lin has been appointed as the Deputy Minister of Ministry of Science and Technology, Taiwan. He serves on the editorial boards of IEEE Trans. on Vehicular Technology. He is General or Program Chair for prestigious conferences including ACM MobiCom 2002. He is Guest Editor for several journals including IEEE Transactions on Computers. For more information, click [here](#).



Prof. Kwang-Cheng Chen

National Taiwan University, Taiwan

Dr. Kwang-Cheng Chen received B.S. from the National Taiwan University, M.S. and Ph.D from the University of Maryland, College Park, USA, all in electrical engineering. Dr. Chen is Distinguished Professor and Associate Dean for academic affairs, College of Electrical Engineering and Computer Science, National Taiwan University. Dr. Chen is actively involved in the numerous leading IEEE conferences. His research interests include wireless communications and network science, particularly in 5G wireless and cyber-physical systems, large wireless networks, inference on big networked data, and biochemical molecular communications.



Workshop proposals

Overview

The QShine 2015 organizing committee invites proposals for workshops to be held in conjunction with the conference.

Proposals for workshops should be at most four pages in length and must be submitted to [Prof. Tony Q.S. Quek](#). Please find more details [here](#).

Important Dates

- Deadline for proposal submission: 17 May 2015
- Notification of proposal acceptance: 28 February 2015

Paper Submission

Conference language is in English. Please visit the [Submission page](#) for detailed submission requirements and procedures. Papers will be judged on originality, correctness, clarity and relevance. Submitted papers must be original work, and may not be under consideration for another conference or journal.

Submission of the paper implies agreement of the author(s) to attend the conference and present the paper if accepted.

Publication

All presented papers in the conference will be published in the proceedings of the conference. We reserve the right to exclude papers accepted but not presented from the conference proceedings submitted for archiving and indexing.

The proceedings are submitted for inclusion to the leading indexing services: DBLP, Google Scholar, Thomson Scientific ISI Proceedings, EI Elsevier Engineering Index, CrossRef, Scopus, as well as ICST's own EU Digital Library (EUDL).

Selected papers, particularly those nominated for the Best Paper competition, will be automatically considered for publication will be invited to publish in the **EAI Endorsed Transactions on Mobile Communications and Applications** and in the special issues of:

- [Springer Mobile Networks and Applications Journal \(MONET\)](#) (SCIE-indexed)
- [Journal of Internet Technology \(JIT\)](#) (SCIE-indexed)
- [Mobile Information System \(MIS\)](#) (SCIE-indexed)
- [Journal of Computers \(JoC\)](#) (EI-indexed)

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