## Call For Papers

## Special issue on Services and Software Engineering towards Internetware

1. **Aims and Scope**

Services computing provides a foundation to build software systems and applications over the Internet, and emerging hybrid networked platforms motivated by it. Due to the open, dynamic, and evolving nature of the Internet, new features were born with these Internet-scale and service-based software systems. Such systems should be situation-aware, adaptable, and able to evolve to effectively deal with rapid changes of user requirements and runtime contexts. These emerging software systems both enable and require novel methods in conducting software requirement, design, deployment, operation, and maintenance beyond existing services computing technologies. New programming and lifecycle paradigms accommodating such Internet-scale and service-based software systems, referred to as [***Internetware***](http://www.internetware.org/wiki/conference), are inevitable.

1. **Topics**

This special issue intends for researchers and practitioners involved in different but related fields to confront research challenges and innovative results and solutions and lead various pathways towards Internet-scale and service-based software. The topics of this special issue includes but not limited to:

* Models, analytics and measurements of dominant and emerging Internet-scale and service-based software systems such as cloud computing, mobile computing, social computing, urban computing, Internet-of-things, cyber-physical systems, etc;
* Infrastructures and platforms for Internet-scale and service-based software systems;
* Engineering approach for Internet-scale and service-based software systems;
* Operation, management and adaptation for Internet-scale and service-based software systems;
* Empirical research and case studies on one or more of the above aspects;
* Other cutting-edge related topics that today’s practitioners should be cognizant of in the coming years.

1. **Important Dates**

|  |  |
| --- | --- |
| October 1, 2015 | Abstract and full paper submission due |
| January 1, 2016 | First-round reviews due and initial decision notification |
| March 1, 2016 | Revised submissions due |
| April 1, 2016 | Second-round reviews due |
| May 1, 2016 | Revised submissions due |
| June 1, 2016 | Final decision notification |
| July 1, 2016 | Camera-ready version due |
|  |  |

1. **Submission Guidelines**

Authors should submit their manuscripts through the TSC online system (https://mc.manuscriptcentral.com/tsc-cs) and select “**SI on Interneteware**”. Author guidelines are available at the journal website (http://www.computer.org/tsc). Submitted manuscripts will undergo a two-round review process and be thoroughly reviewed by at least three reviewers.

1. **Guest Editor**

**Hong Mei**. Peking University, China. IEEE Fellow. [meih@pku.edu.cn](mailto:meih@pku.edu.cn)

**M. Brian Blake**. University of Miami, USA. [m.brian.blake@miami.edu](mailto:m.brian.blake@miami.edu)

**Sumi Helal.** University of Florida, USA. IEEE Fellow. [helal@cise.ufl.edu](mailto:helal@cise.ufl.edu)

For any inquiries about this special issue, please contact professor Hong Mei at meih@pku.edu.cn