Message from the CSIOT 2010 Workshop Chairs

We are glad to welcome you to the 2010 International Workshop on Constructing Software for Internet of Things (CSIOT 2010), held in conjunction with the 8th IEEE/IFIP International Conference on Embedded and Ubiquitous Computing (EUC 2010) in Hong Kong SAR, China, December 11-13, 2010.

Internet of things (IoT), as an extension of the Internet, is a network of things, where the things can get their information by sensor devices and various communication networks. The software for the Internet of things are expected to perform services such as identifying, localizing, tracking, monitoring, managing the things and satisfying the application requirements. Overall, the software for the Internet of things can be perceived in such a way that the distributed software entities attached with the things interact and cooperate with each other for a certain task. As compared with existing distributed software, they feature in things-to-things collaboration, suffer from dynamic environments and are hard to obtain controllable quality. So far, it has been still an open issue to construct satisfactory IoT-oriented software in an effective and efficient way.

The CSIOT 2010 workshop aims at providing a forum for discussing and studying the challenges implied in IoT-oriented software. The researchers can share their research results and experiences in a light-hearted environment, and then get some feedback to improve their research and development work.

The accepted papers present a number of state-of-the-art approaches and technical solutions to the subjects as being covered by the workshop interests, involving IoT data modeling, semantic device bus, IoT gateway, spatio-temporal events, etc.

Finally, we sincerely appreciate the contributions of all of the people who helped to make this workshop a success. We hope you enjoy the workshop and have a wonderful time in Hong Kong, China.

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