Introduction to the Proceedings of CoT'14

Shanghai, China. 30th June 2014

The Cloud-of-Things 2014 (CoT'14) is the second in a series of workshops that explores the synergy offered by combining the Internet of Things, Cloud Computing, Intelligent Environments and Architecture which are often discussed separately, each at their own specialist conferences. The CoT workshop was formed to provide an opportunity for researchers from these areas to come together to discuss the issues in a more holistic way, so as to identify possibilities for synergy and cross-fertilization. This area of work is fuelled by massive market opportunities as, for example, some estimates suggest that the Internet-of-Things market alone could be worth between 22 billion and 50 billion dollars (made up of some 16 billion connected devices) by 2020. These figures seem plausible as there are already said to be of the order of 8 billion embedded-processors and around 1 billion smart phones produced each year, Thus, we believe this workshop is providing a timely opportunity to discuss the opportunities for research in this strategically important area.

The workshop consisted of 3 peer-reviewed papers as follow:

1. Alexandre Demeure et al, paper title: "Activity based End-User-Development for Smart Homes: Relevance and Challenges"
2. Shiyong Kang et al, paper title: "Home-based e-healthcare for elderly: Implications of demand, research and market"
3. Bo Wang et al, paper title: "Research on Service System of Smart Residential District in China"

We organised the presentations at Shanghai in cooperation with the HyperRealitIE'14 workshop, under a collective banner of HyperCities'14, as we felt smart-cities were a natural framework for the cloud-of-things technologies; we trust you will agree with us.

Of course, as with any event, there are a number of people we should thank. First we would like to acknowledge the valuable contribution of our CoT'14 organizational team whose support and advice throughout the year has contributed greatly to the success of this event (in alphabetical order):

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PS If you found this workshop proceedings interesting, then why not join us for CoT'15 (keep your eye on www.cloudofthings.org for more information).