

# CALL FOR PAPER

## Personalization of Intelligent Interactive Systems

The 5th KES International Conference on Intelligent Interactive  
Multimedia Systems and Services (KES-IIMSS-2012)

Gifu, Japan, 23-25 May 2012

### Scope

Many studies on interactive intelligent systems such as humanoid robot, spoken dialogue system, human-like agent, intelligent information retrieval, Web service, e-learning environment, have been advanced. However, such the systems have not become widely used. This does not necessarily originate only in the level of the component technologies. First of all, human-computer interaction is influenced a great deal by the user's personality and the relationship with the user. Though not only the achievement of tasks but also the comfort of users becomes also an important factor, the behaviour of most interactive systems is rather uniform.

One method for solving such the problem is personalizing intelligent interactive systems and adapting the systems to individual users. Such a system could change the response according to user's personality. In this invited session, we discuss the methodologies for personalizing intelligent interactive systems and their applications

### Topics

A list of interested topics, but not limited to, is below:

- Personalization of **conversational system**
- Personalization of **humanoid robot**
- Personalization of **robot-mediated communication**
- Personalization of **human-agent interaction**
- Personalization of **multimodal interface**
- Personalization of **intelligent information retrieval**
- Personalization of **Web application and service**

- Personalization of **e-learning environment**
- Personalization in **affective computing**
- Personalization in **dialogue modelling**
- Personalization in **document understanding/generation**
- **Evaluation** of personalized intelligent interactive systems
- **Resources** for personalizing intelligent interactive systems

### Author Guide

Papers must correspond to the requirements detailed in the instructions to authors which will be placed on the conference website (<http://iimss-12.kesinternational.org/>). All papers must be presented by one of the authors, who must pay fees.

### Paper Publications

Accepted papers will be published by Springer-Verlag, as book chapters in a volume of their Engineering Series and indexed in ISI conference publications, EI, INSPEC, etc

### Important Dates

Submission of Papers: **6 January 2012**

Notification of Acceptance: **20 January 2012**

Upload of Final Publication Files: **10 February 2012**

### Session Co-Chairs

Shigeki Matsubara (Nagoya University, Japan)

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