

## **Call for Papers**

### **Information Sciences (Elsevier)**

#### Special Issue on Virtual Agent and Organization Modeling: Theory and Applications

#### **Guest Editors**

*Jason J. Jung, Yeungnam University, Korea*

*Ngoc Thanh Nguyen, Wroclaw University of Technology, Poland*

#### **Aims & Scope**

Agent system is an important technology to manage Virtual Information Space (VIS) and provide a variety of services to users on VIS. Especially, multiple agents can solve highly complex problems in manners of collaboration and cooperation based on knowledge, intelligence, and semantics. In particular, Virtual Organizations (VOs) are applied to several domains, e.g., e-learning, e-business, and e-government.

The aim of this issue is to bring together researchers and practitioners in areas of virtual agents and organizations to share their visions, research achievements and solutions to real applications, to resolve the challenges and to establish worldwide cooperative research and development. We invite a number of papers selected from KES-AMSTA 2008, held in Incheon, Korea.

#### **Topics of interests**

- Multimodal interaction with intelligent virtual agents
- Affective interaction and emotion models
- Models of personality and culture
- Conversational and non-verbal behavior
- Architectures for virtual agents and robotic agents
- Embodied cognitive modeling
- Knowledge-based agent systems
- Ontology reasoning on agent systems
- Authoring tools for building intelligent virtual agents
- Markup and representation languages
- Agents and avatars in meta-verse, virtual worlds, narrative, and games
- Cooperative perception
- Cooperative localization
- Middleware for multi-robot systems
- Multi-robot mapping and localization
- Networked robots
- Formal models of multi-robot plans
- Applications and user studies

#### **Important Dates**

Submission of revised paper: July 31st, 2008

Notification: August 31st, 2008

Second Submission of revised paper (if necessary): September 30th, 2008

Final submission: October 15th 2008

Publication date: To be announced

### **Instructions for Authors**

Please take a look at the following web page.

[http://www.elsevier.com/wps/find/journaldescription.cws\\_home/505730/authorinstructions](http://www.elsevier.com/wps/find/journaldescription.cws_home/505730/authorinstructions)

In order to submit the manuscript, you can email Prof. Jason J. Jung ([j2jung@gmail.com](mailto:j2jung@gmail.com)) before the deadline.

\* Please remember that there will be some rejections, if they fail to show a good quality as journal articles.

### **Contact**

If you have any question, please contact to Prof. Jason J. Jung ([j2jung@gmail.com](mailto:j2jung@gmail.com)).