



## INVITED SESSION SUMMARY

**Title of Session:**

Human factors for communication & intelligent systems

**Name, Title and Affiliation of Chair:**

Atsuko K. Yamazaki, Ph. D., Professor, Faculty of Engineering, Shibaura Institute of Technology (Japan)

**Details of Session (including aim and scope):**

The proper integration of human factors has been an important issue in various engineering systems. Thus, systematic studies of human factors in knowledge-based engineering can contribute to enhancing the designs of man-machine communication, communication systems and intelligent systems. This session invites papers presenting recent advances in the field of knowledge-based engineering with reference to human factors. The potential contribution of human factors to knowledge-based engineering methodologies is also within the scope of this session. In particular, human factors, such as human cognition, behaviour, performance and errors in man-machine communication and in the design of intelligent systems are focused. In the session, the advancement of communication and intelligent systems will be sought in relation with the systematic understanding of human factors through the presentation of studies and discussion.

**Main Contributing Researchers / Research Centres (tentative, if known at this stage):**

**Prof. Kaoru Eto (Nippon Institute of Technology)**  
**Prof. Eiji Kamioka (Shibaura Institute of Technology)**  
**Prof. Hiroshi Hasegawa (Shibaura Institute of Technology)**  
**Prof. Toshio Ito (Shibaura Institute of Technology)**  
**Prof. Masahiro Inoue (Shibaura Institute of Technology)**

**Website URL of Call for Papers (if any):****Email & Contact Details:**

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