Newsletter

of the IFAC Technical Committee on Human-Machine-Systems

Issue 2005_2, June ´05

In this issue

TC 4.5 Sessions during the IFAC World Congress in Prague.
Co-Chair for the TC 4.5 needed.
Short noted: Factory goes "Smart" in Kaiserslautern.
Forthcoming events.
Editorials.

TC 4.5 Sessions during the IFAC World Congress in Prague

As the countdown for the largest IFAC Congress in Prague approaches zero, the organizing committee has sent a preliminary program for different activities during this event. The TC 4.5 will conduct two oral sessions and a poster session. Both oral sessions will be held on **July 8** in meeting **room 3.1**. The first oral session with the title "**Human-Machine Interface Development and Collaboration**" that is scheduled from **10:00** to **12:00** will deal with different approaches of developing human-machine interfaces as well as human-machine collaboration. Following this is a session for "**Emotions and Human Behavior**" in the afternoon from **13:00** to **15:00**. Papers in this session will investigate methods of modeling human emotions and human behavior as well as their practical applications for example in avatars. Should you like to have an overview of various "**Applications for Human-Machine Systems**" then you should take time to visit the equally named poster session on **July 7**, from **13:00** to **15:00** in the **North Hall**.

More details can be found on congress web site located at
http://ifacplaza.certicon.cz/program.php.

Do not miss this event!

I am looking forward to seeing you in Prague.

--

Detlef Zuehlke

Chairman TC 4.5 (HMS)

Co-Chair for the TC 4.5 needed

As you know from the IFAC constitution, the Chairman of a TC is normally appointed by the Technical Board (TB) to serve from the conclusion of one Triennial International Congress to the conclusion of the next. Prof. Wieringa and I have been serving these posts since 2001. I was asked by the TB to serve as chairman for another period and I have accepted this reappointment. Unfortunately, Prof. Wieringa will not be able to serve this position due to health reasons. I was therefore asked to suggest another Co-chair. After thorough consideration, I would like to suggest that **Prof. Wan Chul Yoon** of the Korea Advanced Institute of Science and Technology (KAIST) takes this position since he has also been very active in TC activities. A second important reason for my suggestion is that, Korea will be hosting the 10th Symposium on Analysis, Design, and Evaluation of Human-Machine Systems in 2007 under Prof. Wan Chul Yoon. From my experience, the Co-Chairmanship will facilitate the coordination between the TC and the organizers. The nomination and approval will be done during the TC 4.5 Annual Meeting in Prague, to which I welcome you all. This Annual Meeting is preliminary scheduled to be held on the second day of the Congress, **Tuesday, July 5, 16:00 - 18:00**.

I would like to take this opportunity to thank my colleague Prof. Wieringa for his good work during the three years of the TC 4.5 Co-Chairmanship and wish him all the best.

--

Detlef Zuehlke

Chairman TC 4.5 (HMS)

Short noted: Factory goes "Smart" in Kaiserslautern

"If everything can go smart, why not a factory?" This fact has motivated a group of german companies and research centers to start up an association for supporting the development, application and propagation of innovative industrial plant technologies in different economic branches as well as providing a basis for their extensive usage in science and in practice. The association was officially founded on June 5 this year. Among the founding members are the companies BASF AG, KSB AG, Pepperl&Fuchs GmbH, ProMinent GmbH, SIEMENS AG as well as the University of Kaiserslautern and the German Research Center for Artificial Intelligence (DFKI GmbH). Prof. Detlef Zuehlke was elected as chairman of the board of this association.

The next step of the association is to build up an experimentation and demonstration center for "smart" technologies in industrial environments, the *Smart***Factory-KL**, in Kaiserslautern. The *Smart*Factory-KL will be the first manufacturer-neutral European Demonstration-Factory for applications of modern information technologies in the industrial environment.

Companies that want to actively participate in the *Smart*Factory-KL are welcome to become members of the association and hence play their own part in the development of the innovative Demo-Factory.

More Information on the *Smart*FactoryKL can be found under: http://www.smartfactory-kl.de

--

Kizito Ssamula Mukasa

TC 4.5 (HMS) Editorial

Forthcoming events

- 16th IFAC World Congress,
  July 4 - 8, 2005, Prague, Czech Republic
  http://ifacplaza.certicon.cz/index.php

- IFAC IFIP, IMS, IEEE Symposium on Information Control Problems in Manufacturing,
  May 17-19, 2006, St. Etienne, France
  http://www.emse.fr/incom06/

- 9th Symposium on Automated Systems Based on Human Skill and Knowledge,
  May 22-24, 2006, Nancy, France
  http://www.ensgsi.inpl-nancy.fr/ASBoHS06/

--

Kizito Ssamula Mukasa

TC 4.5 (HMS) Editorial

EDITORIALS

- For online reading or downloading of this issue or previous ones, please visit http://www.uni-kl.de/pak/ifac

- To unsubscribe from this Newsletter Service: Please send an email to mukasa@mv.uni-kl.de with the subject: Unsubscribe IFA TC 4.5 Newsletter

-- Copyright --

Copyright 2005,

Center for Human-Machine Interaction
Kaiserslautern University of Technology
Germany.