

# Newsletter

## of the IFAC Technical Committee on Human-Machine-Systems

Issue #2, June 2008

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### Preview on the IFAC World Congress

As you all know, already next month, from July 6<sup>th</sup> till July 11<sup>th</sup>, the IFAC World Congress is going to take place in Seoul, Korea. Of course, our TC 4.5 will also represent its members' work in several sessions, and in Professor Zuehlke's plenary speech; further, we will hold our annual meeting at the World Congress, and welcome our new chair team. Therefore, please let us take a closer look at the program of the World Congress...

After the Opening Ceremony and the Welcome Reception on Sunday, July 6<sup>th</sup>, the technical program of the IFAC World Congress 2008 will begin on Monday. There will be plenary sessions each morning, of which the final plenary speech – on **Friday, July 11<sup>th</sup>, at 9<sup>00</sup> a.m.** – is given by Professor Zuehlke, who is currently the chair of our TC 4.5. Professor Zuehlke will present the *SmartFactory<sup>KL</sup>* technology initiative, a private-public partnership with funding by the German government, which researches, develops, and evaluates modern technologies to proceed "From Vision to Reality in Factory Technologies."

Prior to his speech, and after two triennials of chairing the TC 4.5, Professor Zuehlke will hand over the chair to the new team during our annual TC meeting on **Thursday, July 10<sup>th</sup>**, now at **10<sup>00</sup> a.m.**, i.e., four hours earlier than originally planned. (The meeting is scheduled to take place in room 204, but since this may change in the nick of time, please refer to the conference's local announcement board!) Of course, all TC 4.5 members as well as all other interested people are cordially invited to participate and welcome our new chair team:

**Prof. Wan Chul Yoon**  
Chair



[wcyoon@kaist.ac.kr](mailto:wcyoon@kaist.ac.kr)

**Prof. Patrick Millot**  
Co-Chair



[millot@univ-valenciennes.fr](mailto:millot@univ-valenciennes.fr)

**Prof. Tan Kay Chuan**  
Co-Chair



[isetankc@nus.edu.sg](mailto:isetankc@nus.edu.sg)

Now that the final conference program is available (also online for download at <http://www.ifac2008.org/forms/FinalProgramWeb.pdf>), these are the fixed dates and times for our TC's regular sessions, all of which were arranged in track 21 and take place in room 321B:

- "Human Cognition, Speech, and Decision-Making" (**Thursday, July 10<sup>th</sup>, 4<sup>30</sup> – 6<sup>30</sup> p.m.**)
- "Modeling Human Performance" (**Friday, July 11<sup>th</sup>, 10<sup>30</sup> a.m. – 12<sup>30</sup> p.m.**)
- "Human-Robot Interaction" (**Friday, July 11<sup>th</sup>, 2<sup>00</sup> – 4<sup>00</sup> p.m.**)

Finally, you might also be interested in the program of our superordinated Coordinating Committee CC4 ("Mechatronics, Robotics and Components for Automation Control") – not only because Professor Zuehlke has been nominated as its chairman, but also because it will present its Milestone Report on **Wednesday, July 9<sup>th</sup>, from 4<sup>30</sup> till 6<sup>30</sup> p.m.** in room 401. We would be pleased to welcome you there!

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Daniel Görlich ([goerlich@mv.uni-kl.de](mailto:goerlich@mv.uni-kl.de))

IFAC TC 4.5 (HMS) Editorial

### **New member: Prof. Ludger Schmidt succeeds Prof. Gunnar Johannsen**

A highly regarded and respected researcher, Professor Gunnar Johannsen headed the Laboratory for Systems Engineering and Human-Machine Systems (IMAT-MMS) at the University of Kassel from 1982 to 2006. He also founded & led the IFAC Working Group on Human-Machine Systems, which was the predecessor of today's TC 4.5. Of course, even after his retirement in 2006, Professor Johannsen continued research and publishing actively, but a successor to head the slightly renamed Human-Machine Systems Engineering Group at the University of Kassel, was needed.

In April 2008, Professor Dr.-Ing. Ludger Schmidt took over the leadership of this group. Professor Schmidt has studied electrical engineering at the RWTH Aachen, and continued to earn his doctorate there at the Institute of Industrial Engineering and Ergonomics in 2004. After serving as chief engineer until 2005, he led the department of Ergonomics and Human-Machine Systems at the FGAN Research Establishment for Applied Science from 2005 till 2008.



We congratulate Professor Ludger Schmidt to his appointment, and welcome him as a new member of our Technical Committee!

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IFAC TC 4.5 (HMS) Editorial

## Forthcoming events

- 8<sup>th</sup> Asia-Pacific Conference on Computer Human Interaction (APCHI), July 06<sup>th</sup> – 09<sup>th</sup>, 2008, Incheon/Korea, <http://www.apchi2008.org>
- IFAC World Congress, July 6<sup>th</sup> – 11<sup>th</sup>, 2008, Seoul/Korea, <http://www.ifac2008.org/>
  - IFAC CC 4 Milestone Report (see article above), arranged for at the IFAC World Congress, July 9<sup>th</sup>, 2008, 4<sup>30</sup> p.m.
  - IFAC TC 4.5 Administrative Meeting (see article above), arranged for at the IFAC World Congress, July 10<sup>th</sup>, 2008, 10<sup>00</sup> a.m.
- 9<sup>th</sup> IFAC IFIP Workshop on Intelligent Manufacturing Systems Congress, October 9<sup>th</sup> – 10<sup>th</sup>, 2008, Szczecin/Poland <http://www.ims08.ps.pl/>
- 2009 International Conference on Intelligent User Interfaces (IUI) February 8<sup>th</sup> – 11<sup>th</sup>, 2009, Florida/USA <http://www.iuiconf.org/>

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IFAC TC 4.5 (HMS) Editorial

## Editorials

- You are cordially invited to contribute to the TC 4.5 newsletter. As usual, the main topics are Human-Machine Systems and other related topics/events in your field of research or work. Please send your article as a Word or PDF document to [ifac\\_tc45@uni-kl.de](mailto:ifac_tc45@uni-kl.de)
- To subscribe to this newsletter service, send an email to [sympa@uni-kl.de](mailto:sympa@uni-kl.de) with the subject: **sub ifac\_tc45**
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