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Symposium
"Defining Cognitive Informatics"

Invitation to participate

UNIVERSITY OF VIENNA
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January 11th, 2011
9 a.m. – 6 p.m.
University of Vienna
Small Ceremony Chamber
Dr.-Karl-Lueger-Ring 1
1010 Vienna

Symposium "Defining Cognitive Informatics"

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The purpose of the symposium is to sketch and reflect the current status of the field of Cognitive Informatics from a global perspective. The insight gained from talks and discussions during the symposium will help the University of Vienna to define a profile for advertising a professorship in Cognitive Informatics, which is to be established at the Faculty of Computer Science and the Faculty of Psychology. This professorship should also play a key role in the field of Cognitive Science, which is an emerging focus in Vienna. All interested researchers and students are invited to participate.

Heinz Engl
Vice-Rector for Research and Career Development

Wolfgang Klas
Dean of the Faculty of Computer Science

Germain Weber
Dean of the Faculty of Psychology

Programme

09:00-09:05 **Opening**
Heinz Engl, Vice-Rector for Research and Career Development

Chair: **Wolfgang Klas**, Dean of the Faculty of Computer Science

09:05-09:50 **Grand challenge problems and opportunities for cognitive informatics**
Gerhard Fischer, University of Colorado, Boulder, USA

10:00-10:45 **Learning and intelligence in brains and machines**
Tomaso Poggio, MIT, Cambridge, USA

10:55-11:40 **The relation of action & perception: Learning principles in hierarchical networks**
Peter König, University of Osnabrück, Germany

11:50-12:50 **Buffet lunch**

Chair: **Germain Weber**, Dean of the Faculty of Psychology

12:50-13:35 **What can computer scientists learn from cognitive scientists?**
Heinrich Bülthoff, Max Planck Institute for Biological Cybernetics Tübingen, Germany

13:45-14:30 **Learning cognitive symbolic systems**
Mark Steedman, University of Edinburgh, UK

14:40-14:55 **Coffee break**

14:55-15:40 **Cognitive informatics: preparing students for interdisciplinarity**
Helge Ritter, University of Bielefeld, Germany

15:50-16:35 **Latest development in cognitive informatics**
Yingxu Wang, University of Calgary, Canada

16:45-18:00 **Podium discussion:**
Speakers, **Vice-Rector Engl, Dean Klas, Dean Weber**