

Design methodologies and tools: systems engineering, formal verification

Preliminary Schedule

Submission Deadline: 21.06.2009

Notification: 17.07.2009

Camera-Ready Paper: 08.08.2009

Contact

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Workshop on Human-Machine-Interaction

www.mmk.ei.tum.de/~waf/ki09hmi.html

Human-machine-interaction studies complex communication and interaction principles between people and

computers. HMI research is concerned with a wide field of related topics covering the realisation, evaluation of interactive machine and computing systems. It furthermore covers knowledge representation, displaying techniques, signal processing, pattern recognition, human factors, haptics and robotics, just to name a few.

The contributions of the workshop may cover:

- Ergonomic interfaces
- Human Factors
- Usability and Quality
- Adaptive and personalized interfaces
- Architectures for interaction
- Computer-augmented environments
- HMI for Robots
- Social Signal Processing
- Emotions
- Evaluation methods and techniques
- Gesture and eye-gaze based interaction

- Graphical user interface
- Non-verbal interfaces
- Speech and natural language interfaces
- User interface development environments

Important Dates

submission deadline: 05.06.2009

Notification: 10.07.2009

camera ready submission: 31.07.2009

Workshop Organizers

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KI 2009 Tutorials

T1: Knowledge Representation and Reasoning for the Semantic Web – OWL 2 and Rules

Pascal Hitzler, Markus Krötzsch, Sebastian Rudolph, University of Karlsruhe (TH)

T2: Building Intelligent Mashups

Adrian Giurca, TU Cottbus
Emilian Pascalau, HPI, Potsdam

T3: Data Mining for Web 2.0

Andreas Hotho, University of Würzburg
Gerd Stumme, University of Kassel

T4: Humanoid Robots

Sven Behnke, University of Bonn

T5: Hybrid Planning – Theory and Applications

Susanne Biundo, Bernd Schattenberg, Ulm University