

KI-2007 in Osnabrück

The annual German Conference on Artificial Intelligence ("KI") will be held for the 30th time in 2007. As usual, the KI conference aims at providing a forum for both researchers and practitioners, offering a technical program of carefully reviewed original research and application papers. All talks and papers will be presented in English.

The University of Osnabrück is proud of hosting the KI conference for the first time. The University's teaching and research profile is shaped by a number of interdisciplinary institutes and study courses, of which Cognitive Science is prominent since quite some time. AI research and education is also present in its young Informatics institute.

The KI-2007 technical program comprises six invited talks, technical paper and poster presentations, two tutorials and nine workshops – all in all covering the whole field of AI, including its foundations, its history and its applications. Consistent with the local spirit of Osnabrück University, some emphasis is put on AI as a part of Cognitive Science, as in topics like technical cognitive systems and cognitive vision.

The conference will take place in University buildings in the city center, with the historic Old Town, many restaurants and hotels, and the main train and bus stations within walking distance.

Everybody is invited to come to Osnabrück, to join and enjoy the KI-2007 conference!

Tutorials

The tutorials take place in parallel on Sep. 10. For details, see the KI-2007 Web site.

T1: Visual Analytics: A New Cross-Disciplinary Field of Research

Tutors: Gennady Andrienko, Natalia Andrienko (Fraunhofer IAIS, Sankt Augustin, Germany)

T2: Preference Modeling, Elicitation, Representation, and Reasoning

Tutor: Carmel Domshlak (Technion, Haifa, Israel)

Organizers

Conference Co-Chairs

- **Joachim Hertzberg**, U. Osnabrück
- **Michael Beetz**, TU München
- **Roman Englert**, Deutsche Telekom Laboratories at Ben Gurion U. of the Negev

Tutorial and Workshop Chairs

- **Jörg Hoffmann**, DERI, Innsbruck, Austria
- **Carsten Lutz**, TU Dresden

Conference Office

- **Christine Harms**, Sankt Augustin

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- **Michael Thielscher**, TU Dresden
- **Ubbo Visser**, U. Bremen
- **Stefan Wermter**, U. Sunderland, UK
- **Stefan Wrobel**, Fraunhofer IAIS, Sankt Augustin

Invited Talks

- **Sahin Albayrak**, TU Berlin:
The Role of AI in Shaping Smart Services and Smart Systems
- **Wolfgang Bibel**, TU Darmstadt:
Early History and Perspectives on Automated Deduction
- **Martin Buss**, TU München:
CoTeSys – Cognition for Technical Systems
- **Thomas Christaller**, Fraunhofer IAIS, Sankt Augustin:
Artificial Intelligence is Engineering Intelligence – Why should we care about Natural Intelligence?
- **Yuval Elovici**, Ben Gurion U. of the Negev, Beer Sheva, Israel:
Applying Machine Learning Techniques to Detect Malicious Code in Network Traffic
- **Dieter Fox**, U. of Washington, Seattle, USA:
Location-Based Activity Recognition

Workshops

All workshops take place in parallel on Sep. 10. For details, including submission deadlines, see the KI-2007 Web site.

W1: Applications of Spatial Cognition for Intelligent Assistance Systems

Organizers: Thomas Barkowsky, Kai-Florian Richter, Michael Schellenbach

W2: Learning from Non-Vectorial Data (LNVD 2007)

Organizers: Peter Geibel, Brijnesh J. Jain

W3: 21. Workshop Planen, Scheduling und Konfigurieren/Entwerfen (PuK 2007)

Organizers: Jürgen Sauer, Stefan Edelkamp, Bernd Schattenberg

W4: 2nd Workshop "emotion and computing – current research and future impact"

Organizers: Paul Levi, Dirk Reichardt

W5: Dynamics of Knowledge and Belief

Organizers: Gabriele Kern-Isberner, Christoph Beierle

W6: Foundations of Artificial Intelligence (FAInt-07)

Organizers: Pascal Hitzler, Thomas Roth-Berghofer, Sebastian Rudolph

W7: Towards Ambient Intelligence: Methods for Cooperating Ensembles in Ubiquitous Environments (AIM-CU)

Organizers: Thomas Kirste, Birgitta König-Ries, Ralf Salomon

W8: Behaviour Monitoring and Interpretation

Organizer: Björn Gottfried

W9: 3rd Workshop on Knowledge Engineering and Software Engineering (KESE 2007)

Organizers: Joachim Baumeister, Dietmar Seipel

Support

- Gesellschaft für Informatik e.V. GI (Responsible Organization)
- University of Osnabrück (Hosting Organization)
- Deutsche Telekom Laboratories, Berlin (Main Sponsor)
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- Deutsche Forschungsgemeinschaft, DFG (Sponsor)
- Springer Verlag (Sponsor)
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Information for Participants

Registration

Please register for the conference on the KI-2007 Web site! Early registration is available until July 15, 2007. Fees are:

GI member	230€	(early: 200€)
non-member	280€	(early: 250€)
student GI member:	85€	(early: 70€)
student non-member:	110€	(early: 90€)

Fees include participation in the workshops and tutorials of your choice. Proceedings are also included (not for students).

Travel and Accommodation

Osnabrück can easily be reached by train (major IC/ICE train lines), by car (Autobahn A1, A30), and by plane (airport Münster/Osnabrück FMO with direct flights to southern German and European airports).

The City of Osnabrück's Convention Bureau offers help in finding and booking hotels with a conference discount. Please refer to the KI-2007 Web site for details and for a fax form for download.

Paper Submission

Papers in English, 15 pages maximum in Springer LNCS style have to be submitted by April 1st in PDF format. The submission procedure is Web-based, using the EasyChair conference management system. See the KI-2007 Web site for details. Accepted papers will be published in a proceedings volume of the Springer LNAI series.

The best paper, as determined by the Program Committee, will be awarded the Springer Best Paper Award.

Important Dates

Apr 01, 2007: **Paper submission deadline** (notification May 29, camera-ready Jul 01)

Jul 15, 2007: **Early registration deadline**

Sep 10–13, 2007: KI-2007

Sep 10, 2007: Workshops & Tutorials

For all details, see www.ki2007.uos.de



KI-2007

30th Annual German Conference on Artificial Intelligence

Osnabrück, Germany, September 10–13, 2007

www.ki2007.uos.de

