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Otwarte Seminarium badawczo-rozwojowe EIS

środa, 28 I 2015

godz. 14:00

sala 429 C2, AGH

Life around the Bottleneck: Why Knowledge Engineering still is Software Engineering and why AI should care

Dr. Joachim Baumeister



Abstract: In the last years many industrial domains introduced technologies for collecting mass data and established standardized procedures to handle the data. Besides the development of Big Data methods we see a revival of AI methods for intelligent processing, the semantification, and the integration of the gathered data. Knowledge engineering techniques are needed to accomplish the tasks.

The talk will summarize Knowledge Engineering history from a personal perspective and will motivate its strong dependencies to general Software Engineering research. I will demonstrate the use of current key techniques by industrial systems.

Dr. Baumeister did his PhD in Applied Artificial Intelligence in 2004 in Wurzburg, Germany, and habilitated on Knowledge Engineering techniques in 2010. He gives lectures on Knowledge-Based Systems and Semantic Web Technologies. He authored and co-authored more than 100 reviewed publications in the field of Knowledge-based Systems and the Semantic Web.

Since 2010, he is fully working at the company denkbares GmbH, where semantic information systems and knowledge systems are designed and implemented in industrial settings.

ZAPRASZAMY!

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