Informatik-Kolloquium

Der Fachbereich Informatik der Johannes Kepler Universität Linz[1] lädt in Zusammenarbeit mit der Österreichischen Gesellschaft für Informatik (ÖGI) zu folgendem Vortrag ein:

Prof. Alexander Felfernig

Intelligent Techniques for the Engineering of Constraint-based Systems

Montag, 29. Oktober 2012, 16.00 Uhr
Johannes Kepler Universität Linz, Science Park 3, Raum S218

Abstract:
Due to the increasing size and complexity of business processes, constraint-based systems become more and more popular as problem solving technologies. At the same time the easy development, maintenance, and deployment of these systems becomes a key issue for software development departments. Examples of such systems are configuration and recommender systems which support companies in the management of large and complex product & service assortments and help users in situations where the complexity of the assortment makes the identification of an appropriate solution a challenging task. This talk will focus on a discussion of key supportive technologies for constraint-based systems development which have shown to be useful in industrial and experimental settings. New research results in terms of algorithms and techniques will be presented which help to significantly increase the accessibility and usability of constraint-based systems for both, engineers in software development departments and end users. The talk will be concluded with an overview of major issues for future research.

[1] Der Fachbereich (http://informatik.jku.at) besteht aus folgenden Instituten:
Anwendungsorientierte Wissensverarbeitung (FAW), Bioinformatik, Computational Perception, Computer-Architektur, Computergrafik, Formale Modelle und Verifikation, Informationsverarbeitung und Mikroprozessortechnik (FIM), Integrierte Schaltungen, Pervasive Computing, Systems Engineering and Automation, Systemsoftware, Telekooperation

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About the Speaker:
Alexander Felfernig is a full professor at the Graz University of Technology (Austria) since March 2009 and received his PhD in Computer Science from the University of Klagenfurt. He directs the Applied Software Engineering (ASE) research group and is co-founder of Configworks, a company dedicated to the development of knowledge-based recommender technologies. His research interests include configuration systems, recommender systems, model-based diagnosis, software requirements engineering, different aspects of human decision making, and knowledge acquisition methods. Alexander Felfernig has published numerous papers in renowned international conferenes and journals (e.g., AI Magazine, Artificial Intelligence, IEEE Transactions on Engineering Management, IEEE Intelligent Systems, Journal of Electronic Commerce) and is a co-author of the book on "Recommender Systems" published by Cambridge University Press. He also acted as an organizer of international conferences and workshops such as the ACM International Conference on Recommender Systems and the International Symposium on Methodologies for Intelligent Systems and is currently a member of the Editorial Board of Applied Intelligence and the Journal of Intelligent Information Systems.

a. Univ.-Prof. Mag. Dr. Paul Grünbacher
Institute for Systems Engineering and Automation

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