



JOHANNES KEPLER
UNIVERSITY LINZ
Research and Teaching Network



INFORMATIK-KOLLOQUIUM

Der Fachbereich Informatik der Johannes Kepler Universität Linz sowie das Christian Doppler Labor für Automated Software Engineering laden in Zusammenarbeit mit der Österreichischen Gesellschaft für Informatik (ÖGI) und der Österreichischen Computer Gesellschaft (OCG) zu folgendem Vortrag ein:

Professor Dr. Neil A. Maiden
City University London, Center for HCI Design

Discovering Services from Requirements: The SeCSE Way

Dienstag, 24. Oktober 2006, 11:00-12:00
Universität Linz, Hörsaal 14

Service-centric systems pose new challenges and opportunities for requirements processes and techniques. This talk will report new techniques developed by the EU-funded SeCSE Integrated Project that enable service discovery during early requirements processes and exploit discovered services to enhance requirements specifications. SeCSE's service discovery environment implements new capabilities that overcome existing requirements problems. The talk will outline the environment and describes the algorithm for discovering services from requirements that are expressed using structured natural language. The algorithm is demonstrated using a simple automotive example that was used in a requirements workshop with our industrial automotive partners in SeCSE to evaluate the potential utility of the algorithm when discovering new requirements from retrieved services.

Neil Maiden is Professor of Systems Engineering and Head of the Centre for Human-Computer Interface Design, an independent research department in City University's School of Informatics. He has been directing inter-disciplinary research in requirements engineering for 15 years and has worked on numerous EPSRC- and EU-funded research projects including SIMP, NATURE, CREWS, BANKSEC, SeCSE and APOSDLE. He has over 100 papers in journals and conference and workshop publications. He was Program Chair for the 12th IEEE International Conference on Requirements Engineering in Kyoto in 2004. He is the Editor of the IEEE Software's Requirements column. Details are available from www-hcid.soi.city.ac.uk.

a. Univ.-Prof. Dr. Paul Grünbacher

Der Fachbereich Informatik besteht aus folgenden Instituten: Informatik in Wirtschaft und Verwaltung, Bioinformatik, Pervasive Computing, Systemsoftware, Anwendungsorientierte Wissensverarbeitung, grafische und parallele Datenverarbeitung, Telekooperation, Informationsverarbeitung und Mikroprozessortechnik (FIM), Formal Models and Verification, Systems Engineering and Automation, Computational Perception, Integrierte Schaltungen, Integriertes Studieren.