

informatik-Kolloquium

Der Fachbereich Informatik der Johannes Kepler Universität Linz¹ lädt in Zusammenarbeit mit der Österreichischen Gesellschaft für Informatik (ÖGI) zu folgendem Vortrag ein:

Topic: **Examining Java Performance With Standard Benchmarks**

Presenter: **Prof. Dr. Petr Tuma**, Charles University, Prague

Date: **Tuesday, March 21, 2017, 16:00**

Location: **JKU, Computer Science Building,(Science Park 3) room 318**

Abstract: Standard benchmarks (e.g. DaCapo, ScalaBench, SPECjvm, SPECjbb) are often used to examine performance of JVM tools or JVM modifications. Unfortunately, because both the benchmarks and the environment are complex, it is not very clear what conclusions can be reliably drawn from simple measurements. We provide some information comparing the expectations and reality, based on our experience from using standard benchmarks to track one year progress in the development of Graal, an aggressively optimizing JIT compiler for the JVM.

Short Bio: Petr Tuma is an associate professor with the Department of Distributed and Dependable Systems of Charles University, Prague. His research focuses on performance evaluation of modern computer systems, including the design and implementation of measurement tools and methods for processing of measurement data

Einladender: o.Univ.-Prof. Dr. Dr. h.c. Hanspeter Mössenböck
Institut für Systemsoftware

¹ Der Fachbereich (<http://informatik.jku.at>) besteht aus folgenden Instituten:
Application Oriented Knowledge Processing (FAW), Bioinformatics, Computational Perception, Computer Architecture, Applied Systems Research and Statistics, Computer Graphics, Formal Models and Verification, Networks and Security, Integrated Circuits, Pervasive Computing, Software Systems Engineering, System Software, Telecooperation, Signal Processing