

Institut für Informatik
der Christian-Albrechts-Universität
zu Kiel

Kiel, den 05.11.2008

Einladung zum
**Kolloquium des
Instituts für Informatik**
14.11.2008, 10:15 Uhr
Übungsraum Ü2 des Instituts für Informatik (Vorbau Ludwig-Meyn-Str. 2)

Es spricht
Prof. Edward A. Lee
University of California at Berkeley

über das Thema
Model Engineering

Zusammenfassung:

Model-based design uses models of systems as the specification for software behavior and synthesizes executable software from those models. As with any successful engineering discipline, design techniques must evolve to support development, maintenance, and evolution of designs, and these techniques must be able to handle designs of realistic size and complexity. The discipline of software engineering provides techniques, such as object-oriented design, static analysis, and formal verification, for software designs. This talk explores techniques that support development, maintenance, and evolution of models. In particular, we discuss model transformation, model ontologies, and multimodeling, with applications to construction of large models (e.g. MapReduce), model optimization, and consistency management across multiple models.

Tee/Kaffee im Konferenzraum
neben Ü2 um 09:45 Uhr

Die Professoren und Dozenten
des Instituts für Informatik