

EINLADUNG

Zeit: Montag, 17.12.2012, 15.00 Uhr

Ort: AH 2, Ahornstr. 55

Referent: Prof. Dr. Hubert Garavel,
INRIA Rhone-Alpes, France

Titel: CADP 2012 - A Toolbox for the Construction and
Analysis of Distributed Processes

Abstract:

CADP (Construction and Analysis of Distributed Processes) is a comprehensive software toolbox that implements the results of concurrency theory. Started in the mid 80s, CADP has been continuously developed by adding new tools and enhancing existing ones. Today, CADP benefits from a worldwide user community, both in academia and industry. This talk presents the latest release CADP 2012, which is the result of a considerable development effort spanning the last five years.

The talk first describes the theoretical principles and the modular architecture of CADP, which has inspired several other recent model checkers. The talk then reviews the main features of CADP 2012, including compilers for various formal specification languages, equivalence checkers, model checkers, performance evaluation tools, and parallel verification tools running on clusters and grids.

Es laden ein: Die Dozenten der Informatik