ALBERT-LUDWIGS-
UNIVERSITÄT FREIBURG

FAKULTÄT FÜR ANGEWANDTE WISSENSCHAFTEN

Gastvortrag

Zeit: Montag, 7. 8. 2000, 10.00 Uhr s.t.
Ort: Raum 02-16, Geb. 101, Georges-Köhler-Allee

Optimization Problems in System-on-Chip Test Automation

Krishnendu Chakrabarty

Duke University

Abstract

In this talk, I will first give an overview of my research projects at Duke University in the areas of design and test, real-time operating systems, distributed sensor networks, architectural optimization of microelectrofluidic systems, and thermal management. I will then present details of current projects in the area of system-on-chip test. In particular, I will focus on the problems of test access infrastructure design and test scheduling for SoCs. I will review recent results and show that integer linear programming models offer promising solutions to these problems.

Gastgeber: Prof. Dr. Bernd Becker

Alle Interessenten sind recht herzlich eingeladen.

Organisation : Prof. Dr. B. Becker / F. Schmiedle

Weitere Informationen im WWW unter http://www.informatik.uni-freiburg.de/FREAK/kolloquium oder von F.Schmiedle (Tel: 0761/203-8144; Email: schmiedl@informatik.uni-freiburg.de).