Session D-18: Knowledge Based Approaches

Chair: Franz J. Rammig, University - GH Paderborn, Germany

The papers in this session have a common theme of knowledge based approaches to exploring the design space as an alternative to other algorithmic methods.

Re-engineering Hardware Specifications by Exploiting Design Semantics
Salvador Mir and Nick Filer

The Use of Semantic Information for Control of a Complex Routing Tool
Michael Brown, Nick Filer, and Zahir Moosa

A New Knowledge-Based Design Manager Assistant for CAD Frameworks
F. Moreno and J. Meneses

The Use of Single and Multiple Seed Architectures with a Natural Based Micro-Architecture Exploration Algorithm
Chris J. Rouse and Alison J. Carter