Session 2: Software and Instruction Set Synthesis

Chair: Raul Camposano

Embedded systems require synthesis of real-time software as well as the execution engine. These two papers address these two issues.

2.1 SOFTWARE SCHEDULING IN THE CO-SYNTHESIS OF REACTIVE REAL-TIME SYSTEMS
Pai Chou, Gaetano Borriello

2.2 SYNTHESIS OF INSTRUCTION SETS FOR PIPELINED MICROPROCESSORS
Ing-Jer Huang, Alvin M. Despain