

Workshop on Formal Specifications of Computer-Based Systems FSCBS'02

Time Schedule

Wednesday, April 10

13:30 – 15:00

1. Welcome and Introduction
2. Cindy Kong, Perry Alexander: Modeling Model of Computation Ontologies in Rosetta
3. **Yanguo Michael Liu, Issa Traore**: PVS Proof Patterns for UML-Based Verification

15:00 – 15:30 Coffee

Wednesday, April 10

15:30 – 17:00

4. Stephane Lafrance, John Mullins: A Generic Enemy for the Analysis of Cryptographic Protocols
5. Terje Sivertsen: Algebraic Specification of an Inductive Theorem Prover
6. Rui Gustavo Crespo: The Semantics of Feature Execution Trees

17:30 Workshop Reception

Thursday, April 11

9:00 – 10:00

7. Simin Nadjm-Tehrani: Synchronous Languages for Heterogeneous Models of Embedded Systems
8. Ana Fernandez Vilas, Jose J. Pazos Arians, Rebeca P. Diaz Redondo: Incremental Synthesis of Timed Models from Many-valued Temporal Logic

10:00 – 10:30 Coffee

Thursday, April 11

10:30 – 12:00

9. Vaclav Dvorak: Executable System-Level Specifications of HW/SW Architecture for Embedded Multiprocessor Systems
10. Jiri Staroba, Vaclav Dvorak: Design Space Exploration of Parallel Embedded Applications Based on Performance-Oriented Specifications
11. Jiri Kotzian, Vilem Srovnal: Using Formal Methods for Designing Embedded Control Systems

12:00 – 13:30 Lunch

Thursday, April 11

13:30 – 15:00

12. Ayesha Manzer, Ali Dogru: Formal Modeling for the Composition of Virtual Enterprises
13. Pavel Kucera, Frantisek Zezulka, Miroslav Sveda, Radimir Vrba: Executable Specifications for Process Automation and Microelectronics
14. Workshop closing session