

8th International Workshop on Automated Verification of Critical Systems

University of Glasgow, Scotland

All talks will be held in level 5, Sir Alwyn Williams building, Department of Computing Science, University of Glasgow. Lunches will take place here also.

The workshop dinner will take place in the evening of Tuesday 30th September. More details to appear. Abstracts and documents of all contributions will become available.

Tuesday, 30 September 2008

10.30	Coffee
10.45	Opening
11.00	Invited talk 1: Kousha Etessami (Edinburgh) Automated Analysis and Verification of Probabilistic Recursive Models
11.40	Contributed talk 1: Iliasov, Romanovsky, Troubitayna and Laibinis Formal Refinement Automation
12.20	Contributed talk 2: O'Reilly, Isobe and Roggenbach CSP-CASL-Prover – A generic tool for process and data refinement
13.00	Lunch
14.00	Contributed talk 3: Kumar and Mercer Verifying Communication Protocols Using Live Sequence Chart Specifications
14.40	Contributed talk 4: Wehrheim and Wonish Compositional CSP traces refinement checking
15.20	Coffee
15.40	Contributed talk 5: Ghilardi, Ranise and Valsecchi Light-Weight SMT-based Model Checking
16.20	Short talk 1: Kanso, Moller, Setzer Automated Verification of Safety Properties in Railway Interlocking Systems Defined with Ladder Logic
16.45	Invited Talk 2: Andrew Ireland (Heriot-Watt) Automatic Software Verification – A Renaissance
evening	Workshop dinner

Wednesday, 1 October 2008

09.20	Contributed talk 6: Murray and Lowe On Refinement-Closed Security Properties and Nondeterministic Compositions
10.00	Contributed talk 7: Kamel, Selouani and Hamam A model-checking approach for the verification of CARE usability properties for multimodal user interfaces
10.40	Coffee
11.00	Contributed talk 8: Samual, Isobe and Roggenbach Variations over the Stable Revivals Model in CSP-Prover
11.40	Contributed talk 9: Ripon and Butler PVS Embedding of cCSP Semantic Models and their Relationship
12.20	Contributed talk 10: Alastair Donaldson Vector Symmetry Reduction
13.00	Lunch followed by Programme Committee meeting

