

Programme

2nd Action Training School
7th MC and WG Meeting

Limerick, Ireland • 19-22 June 2011

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Sunday, June 19th, **Castletroy Park Hotel**

13:00	-	14:00	Lunch
14:00	-	16:00	T1 Rosemary Monahan: <i>Program Verification Using Spec#</i>
16:00	-	16:30	Coffee break
16:30	-	18:30	T2 Wojciech Mostowski: <i>Verifying Java Card Programs with KeY</i>

Monday, June 20th, Schuman Building, UL

9:00	-	10:30	<p>Dominique Mery: <i>Refinement-based guidelines for constructing sequential and distributed algorithms</i> (invited talk, 60min)</p> <p>Frank de Boer: <i>Bounded model checking of unbounded object creation</i></p>
10:30	-	11:00	Coffee break
11:00	-	13:00	<p>Dilian Gurov: <i>Hierarchical variability models for software product lines</i> (20min)</p> <p>António Ravara: <i>A simple proof system for lock-free concurrency</i> (20min)</p> <p>Marieke Huisman: <i>Verification of concurrent data structures - an overview of the VerCors project</i> (20min)</p> <p>Marco Aldinucci: <i>High-level parallel programming: ideas for challenges in formal methods</i></p> <p>Davide Ancona: <i>Static single information form for abstract compilation</i></p>
13:00	-	14:30	Lunch
14:30		15:30	<p>Dominik Haneberg: <i>Modeling and verifying a flash file system</i></p> <p>Discussion</p>
15:30		16:00	Coffee break
16:00		18:00	<p>MC Meeting</p> <p>- in parallel with -</p> <p>T3 Richard Bubel, Jan Schäfer: <i>HATS - Modeling and Analyzing Distributed Systems Using ABS</i></p>
18:30			<p>Bus transfer to Knappogue Castle for Workshop Dinner (departure at Cappavilla Village)</p>

Tuesday, June 21st, Schuman Building, UL

9:00	-	10:30	T4 David Pichardie: Abstract Interpretation
10:30	-	11:00	Coffee break
11:00	-	11:30	T4 David Pichardie: <i>Abstract Interpretation</i>
11:30	-	13:00	T5 Ioannis Kassios: <i>Dynamic Frames and Automated Verification</i>
13:00	-	14:30	Lunch
14:30	-	15:00	T5 Ioannis Kassios: <i>Dynamic Frames and Automated Verification</i>
15:00	-	15:30	T6 Bart Jacobs: <i>Program Verification Using VeriFast</i>
15:30	-	16:00	Coffee break
16:00	-	17:30	T6 Bart Jacobs: <i>Program Verification Using VeriFast</i>

Wednesday, June 22nd, Schuman Building, UL

9:00	-	10:30	Dorel Lucanu: <i>Contributions to the K framework</i> Ferruccio Damiani: <i>Dynamic delta-oriented programming</i> Rudi Schlatte: <i>User-defined schedulers for real-time concurrent objects</i>
10:30	-	11:00	Coffee break
11:00	-	13:00	David Pichardie: <i>Secure the clones: static enforcement of policies for secure object copying</i> Christoph Scheben: <i>Verification of information flow properties without approximations</i> Johan Dovland: <i>A proof theory for traits</i> Hao Wu: <i>Coverage data calculation for meta models</i>
13:00			Lunch