Milner Symposium Programme

Sunday	15th April 2012
17:30–18:45	LFCS PhD Student Panel (Chair: Jane Hillston)
	— Keep Calm and Keep Proving: Advice from past LFCS PhD students to current ones
18:45–19:00	Short break
19:00–21:00	Laboratory for Foundations of Computer Science — 25th anniversary reception

Monday	16th April 2012	
08:00–09:00	Registration	
09:00–09:10	Plotkin/Robertson — Milner Symposium Welcome	
09:10–12:20	Monday morning session (Chair: Gordon Plotkin)	
	09:10–09:50	Gérard Huet — What I learned from LCF
	09:50–10:30	Lawrence Paulson — LCF + Logical Frameworks = Isabelle (25 years later)
	10:30–11:00	Coffee break (+ registration)
	11:00–11:40	Georges Gonthier — Types in mathematical proofs
	11:40–12:20	John Harrison — Interactive theorem proving in industry
12:20–14:00	Lunch	
14:00–17:10	Monday afternoon session (Chair: Mads Tofte)	
	14:00–14:40	John Power — Graphical notation schemes: a picture is worth a thousand binary tensor words
	14:40–15:20	David MacQueen — Higher-order modules revisited
	15:20–15:50	Coffee break
	15:50–16:30	Martin Odersky — Objects and modules: two sides of the same coin?
	16:30–17:10	Robert Harper — Defining a programming languge
17:10–17:30	Short break	
17:30–19:00	Panel (Chair: Philip Wadler)	
	— The future of functional programming languages	
19:00–20:00	British Computer Society Academy of Computing — Post-panel reception	

Tuesday	17th April 2012
09:10–12:20	Tuesday morning session (Chair: Philippa Gardner)
	09:10–09:50 Xavier Leroy — The continuation of functional programming by other means
	09:50–10:30 Benjamin Pierce — Types à la Milner
	10:30–11:00 Coffee break
	11:00–11:40 Matthew Hennessy — 'Algebraic Laws for Nondeterminism and Concurrency': another look
	11:40–12:20 Kim Larsen — Quantitative modal transition systems
12:20–14:00	Lunch
14:00–17:10	Tuesday afternoon session (Chair: Cliff Jones)
	14:00–14:40 Joachim Parrow — The pi-calculus: Origin and recent developments
	14:40–15:20 Davide Sangiorgi — Some remarks on bisimulation and coinduction
	15:20–15:50 Coffee break
	15:50–16:30 Jan Rutten — Coalgebraic bisimulation
	16:30–17:10 Peter Sewell — False concurrency and the foundations of computer science
17:10–19:00	Break
19:00–23:00	Symposium banquet — Playfair Library Hall, Old College, South Bridge, Edinburgh

Wednesday	18th April 2012
09:10–10:30	Wednesday morning session (Chair: Stephen Gilmore)
	09:10–09:50 Kohei Honda and Nobuko Yoshida — Understanding communication and concurrency through types
	09:50–10:30 Jean Krivine — Jobbers, sentient buildings and lions: a short walk into Robin Milner's tower
10:30–11:00	Coffee break
11:00–12:20	Panel (Chair: Gérard Berry) — The future of concurrency: Which solutions to which problems?
12:20–14:00	Lunch
14:00–17:10	Wednesday afternoon session (Chair: Michael Fourman)
	14:00–14:40 Gordon Plotkin — An algebraic view of bigraphs
	14:40–15:20 Samson Abramsky — Information dynamics
	15:20–15:50 Coffee break
	15:50–16:30 Glynn Winskel — Robin Milner and mathematics
	16:30–17:10 Gérard Berry — Reconciling semantics, implementation, and users