LMS Symposium on Applications of Categories in Computer Science
Durham UK, 20–30 July 1991

PROGRAMME

The programme for the second half of the Symposium (25 and 27–29 July) will be finalised at a meeting of the programme committee on Saturday evening. Please get any late offers of talks to an organizer before dinner.

Sunday 21 July

0910 Welcome

0915 J. Reynolds, *Parametric Polymorphism, Revisited*

1005–1045 coffee break

1045 P. Mulry, *Algebras, Monads and Fixed Points*

1120 F. Oles, *Topological algebras for Nondeterminism, Part I*

1155 M. Mislove, *Topological algebras for Nondeterminism, Part II*

1225–1400 lunch (served at 1245)

1400 S. Abramsky, *tba*

1450 J. Meseguer, *Logics and Categorical models for Concurrency*

1530–1600 tea break

1600 J. Goguen, *Semantics for the Object Oriented Paradigm*

1650 D. Benson, *Sheaves and Fabrics of Processes*

Monday 22 July

0915 G. Winskel, *Categories of models for concurrency*

1005–1045 coffee break

1045 S. Brookes, *A cartesian closed category of parallel algorithms in generalized concrete data structures*

1120 P. Scott, *Rewriting and Uniqueness Conditions*

1155 P. O'Hearn, *Models of interference control*

1225–1400 lunch (served at 1245)

1400 Y. Lafont, *Penrose diagrams*

1450 K. Sieber, *Reasoning about programs via logical relations*

1530–1600 tea break

1600–? *Panel discussion on semantics of local variables and related issues* (chaired by R. Tennent)

Tuesday 23 July

0915 P.-L. Curien, *Coherence versus syntax*

1005–1045 coffee break

1045 S. Vickers, *Geometric Theories and Databases*

1120 P. Wadler, *Theorems for free, categorically*

1155 M. Kelly, *On Wadler's relational semantics for functional programming*

1225–1400 lunch (served at 1245)

1400 E. Moggi, *Computational types and logic:evaluation logic*

1450 D. Sannella, *Toward formal development of programs from algebraic specifications: parameterisation revisited*

1530–1600 tea break

1600 T. Coquand, *tba*

1650 M. Hyland, *tba*

Wednesday 24 July

0915 P. Freyd, *tba*

1005–1045 coffee break

1045 J. Launchbury, *Dependent Sums Express Separation of Binding Times*

1120 G. Rosolini, *An EXPER model of Quest*

1155 D. Rydeheard, *Coherence, Comprehension Schema and Subtypes*

1225–1400 lunch (served at 1245)

The afternoon of Wednesday 24 July is free of talks—a guided tour of Durham cathedral has been arranged for those who wish to take it.

An all-day coach trip to Hadrian's Wall has been arranged for Friday July 26.

Scientific programme for **Thursday 25 July** and **Saturday 27 July** to **Monday 29 July** will be distributed during the first day of the Symposium.

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PROGRAMME—OVERVIEW

	Sun 21	Mon 22	Tue 23	Wed 24	Thu 25	Fri 26	Sat 27	Sun 28	Mon 29
0915–1005	Reynolds	Winskel	Curien	Freyd	Reynolds		Winskel	Curien	Freyd
coffee break (1005–1045)						Had-rian's Wall day trip		*to be arranged*	
1045–1115	Mulry	Brookes	Vickers	Launchbury	*tba*				
1120–1150	Oles	P.Scott	Wadler	Rosolini					
1155–1225	Mislove	O'Hearn	Kelly	Rydeheard					
lunch (served at 1245)									
1400–1440	Abramsky	Lafont	Moggi	Cathedral tour	*tba*		Gunter	Wagner	*tba*
1450–1530	Meseguer	Sieber	Sannella					*to be arranged*	
tea break 1530–1600									
1600–1640	Goguen	*panel*	Coquand						
1650–1730	Benson	(Tennent)	Hyland						
dinner (served at 1900)								Symposium dinner	