# International School on Type Theory and Term Rewriting
# Glasgow University
# Sept 12-15 1996

In the past twenty years, a very rich body of results has emerged in *type theory* and *term rewriting systems*. This is unsurprising since these topics are at the heart of the theory and implementation of programming languages. Type theory enables increasing expressiveness in programming languages and in theorem proving, whilst retaining strong theoretical and applied properties. Understanding *termination* and *reduction strategies* in Term rewriting systems provides insights into increasingly efficient implementations with safe theoretical foundations. Furthermore, the two notions of type theory and term rewriting are very general and cover various topics including termination, calculi of substitutions, subtyping, reduction, unification, interaction and process calculi, the logic of programs and theorem proving.
Unfortunately, collaboration between type theory and term rewriting systems is not as strong as it should be despite their common goals and extreme importance. The *International School on Type Theory and Term Rewriting* aims at bridging this gap and at bringing together leaders and active researchers in the various branches of type theory and term rewriting. The school is beneficial to all active researchers and research students in the area. Talks will range from an overview of recent results, to presenting some open problems and to discussing some future research in the area. The list of invited speakers includes:
**Jos Baeten, Steffen van Bakel, Henk Barendregt, Gilles Barthe, Dick de Bruijn, Rod Burstall (tentative), Bob Constable (tentative), Michael Fourman, John Glauert, Thérèse Hardin, Fairouz Kamareddine, Richard Kennaway, Assaf Kfoury, Zurab Khasidashvili, Jan Willem Klop, Pierre Lescanne, Jean-Jacques Lévy, Guiseppe Longo, Robin Milner (tentative), Adolfo Piperno, Gordon Plotkin, Simona Ronchi Della Rocca, Judith Underwood, Joe Wells**
Lectures are one hour each. It is anticipated that the proceedings of the talks will be published.

Registration fee if paid before 30 June 1996 is £100 (£50 for full time students).

Registration fee if paid after 30 June 1996 is £150 (£75 for full time students).

There is a limited number of 50 participants (excluding the invited speakers). First come, first serve.

Accommodation is available at the following rates per person per night:

Staff: £20.50 (bed and breakfast) or £11.50 (bed only).

Students (bed only): £8.50 (UK students) and £11.50 (overseas students).

If you are interested in attending, send the registration fee (with evidence of full time studentship if applicable), together with the fee for the accommodation for the relevant number nights and type of accommodation to:

Fairouz Kamareddine, University of Glasgow, Department of Computing Science, 17 Lilybank Gardens, Glasgow G12 8QQ, Scotland, UK.