



## Macro Group UK Young Researchers Medal Winners 2006



The 2006 award is made to **Dr Sébastien Perrier**. Sébastien received his Diplôme d'Ingénieur Chimiste from the Ecole National Supérieure de Chimie, Montpellier, France in 1998. He then moved to the University of Warwick where he obtained his PhD in 2001 for research carried out under the supervision of Professor David Haddleton on copper mediated living radical polymerisation. Another change of country followed, when Sébastien moved to work with Professor Tom Davis on reversible addition fragmentation chain transfer polymerisation at the University of New South Wales in Sydney, Australia. In 2002 Sébastien returned to the UK to take up a Lectureship in the Department of Colour and Polymer Chemistry at the University of Leeds, where he was promoted to Senior Lecturer in 2005. He now leads a group of 14 researchers, all working in the area of polymer synthesis and characterisation. His research focuses on the synthesis of polymers to produce materials with properties defined by the chain functionality and architecture. His recent research spans the understanding of mechanisms and kinetics of living radical polymerisation, the development of greener processes for radical polymerisation, and the synthesis and characterisation of functional materials and polymeric self-assemblies. He has published 38 papers, 2 book chapters and 1 patent, and in 2004 set up a spin-off company, Designer Polymers Ltd, in order to exploit the intellectual property generated in his research group. Sébastien is also making a significant contribution to the wider polymer community: he is a member of the European Polymer Journal editorial advisory board, an elected member of the EPSRC College, a committee member of Macro Group UK, and acting chairman of the Recent Appointees in Polymer Science network.

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