

Exploring Ligand Effects in Homogeneous Catalysis. Maps, Models and Mechanisms

Dr. Natalie Fey
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Dr. Natalie Fey was born in Frechen, Germany. She obtained a BSc in Chemistry and Economics from Keele University (UK), and stayed on to work with Prof. Jim Howell and Dr Paul Yates towards a PhD in "Molecular Modelling of Ferrocenes and Arylphosphines", which she completed in 2001. After postdoctoral research on "Ligand Field Molecular Mechanics" with Prof. Rob Deeth at the University of Warwick until 2003, she worked as a postdoc on several "Ligand Knowledge Base" projects with Professors Guy Orpen, Jeremy Harvey and Guy Lloyd-Jones at the University of Bristol before gaining an EPSRC Advanced Research Fellowship (October 2007). Her independent research at Bristol is in the area of computational inorganic chemistry and involves mechanistic studies of organometallic catalysis and the development of knowledge bases for the analysis and prediction of ligand effects.