ICIQ

Institut Català d'Investigació Química

2014 Seminar Program

With the collaboration of

Universitat Rovira i Virgili

Av. Països Catalans, 16, Campus Sescelades (St. Pere i St. Pau), Tarragona. Tel. 977920200

Harnessing Ynamides For Reaction Control And Discovery

Dr. Paul Davies

University of Birmingham (United Kingdom)

Friday 19th December, 2014. ICIQ Auditorium, 11:30 a.m.

Professional Career

After completing his PhD at Bristol in 2003 under the supervision of Professor Varinder Aggarwal (FRS), Paul then moved to the Max Planck-Institut für Kohlenforschung (Mülheim, Germany) working with Professor Alois Fürstner. In 2006, Paul was appointed Lecturer in Organic Chemistry at the University of Birmingham. He was promoted to Senior Lecturer in 2012.

Research Interests

His research activities are centred in synthetic organic chemistry and involve (i) the development of novel methodology, (ii) the design of new catalyst systems and (iii) the target driven synthesis of biologically relevant materials. By developing new transformations and more general reactions he aims to offer more efficient and elegant synthetic routes, thus reducing the time, effort, cost and waste associated with the preparation of complex molecules. With catalytic methods being ideally suited to the task of imparting novel reactivity and high selectivity under mild conditions their use is integral to his work. Projects involving organic synthesis, transition-metal catalysis, organocatalysis and organometallic chemistry are available.