



Venerdì 6 Settembre alle ore **12:00** presso l'Aula G
Dipartimento di Scienze Chimiche, via Francesco Marzolo 1

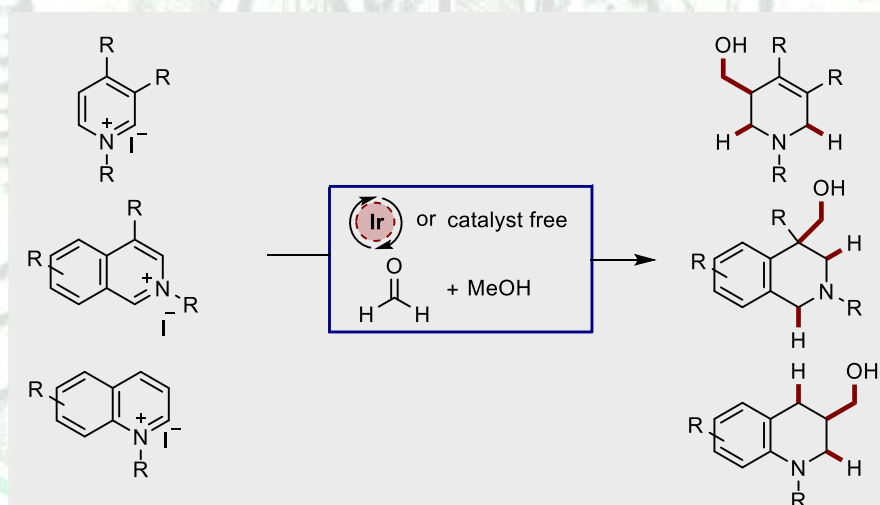
Dr. Hamish Hepburn

University of Oxford, Department of Chemistry, 12 Mansfield Rd, Oxford, UK

terrà il seminario:

“Iridium-catalysed and transition metal free reductive functionalisation of heterocycles”

The conversion of flat aromatic heterocycles into three-dimensional scaffolds is readily realised using simple feedstock chemicals (paraformaldehyde and methanol) in either the presence of an iridium catalyst or under catalyst free conditions. The reaction proceeds smoothly with a range of azoarenes, enabling a one-pot synthesis of medicinally relevant heterocycles.



Biosketch. Hamish completed his undergraduate studies and Ph.D at the University of Edinburgh, Scotland, under the supervision of Prof. Hon Wai. Lam in the field of asymmetric Rh(I) catalysis. He then undertook a postdoctoral appointment with Prof. Paolo Melchiorre at ICIQ, Tarragona, Spain, investigating asymmetric photochemical organocatalysis before returning to the United Kingdom to take up a postdoctoral position with Prof. Tim Donohoe at the University of Oxford. He is currently a Marie Curie Fellow in the Donohoe group at Oxford, investigating metal-mediated functionalisations of heterocycles. His interests lie in group 9 transition metals, asymmetric catalysis, and heterocycles.