

*Catalysis: Enabling Science For  
a Sustainable Future*

**Prof. Robert M. Waymouth**

**Stanford University (USA)**

**Friday 20th April, 2012. ICIQ Auditorium, 12 p.m.**

**Professional Career**



Robert Waymouth is the Robert Eckles Swain Professor of Chemistry at Stanford University. He received B.S. in Mathematics and B.A. in Chemistry from Washington and Lee University and his Ph.D. in Chemistry at the California Institute of Technology in 1987 with Professor R.H. Grubbs. He was a postdoctoral fellow with the late Professor Piero Pino at the Swiss Federal Institute of Technology (ETH) in Zurich in 1987 and joined the faculty at Stanford as an Assistant Professor in 1988. Professor Waymouth received the Alan T. Waterman Award from the NSF in 1996, the Arthur C. Cope Scholar Award in 1995 and the Cooperative Research Award in Polymer Science in 2009 with Dr. James Hedrick. He has won several university teaching awards, including the Walter J. Gores Award, the Phi Beta Kappa Teaching Award administered by the students of the Stanford chapter, and is currently a Bass Fellow in Undergraduate Education.

**Research Interests**

His research interests are at the interface of Inorganic, Organic and Polymer Chemistry, in particular the development of new concepts in catalysis for the selective synthesis of both macromolecules and fine chemicals. Particular areas of interest include catalytic polymerization reactions, the development of organocatalytic polymerization strategies, and selective oxidation catalysis.