

# Invitation Report from Key Laboratory of Multiphase

**Title: Carbon Materials for Lithium Oxygen Batteries: Controlling Capacity Losses on Cycling**

**Speaker: Professor Peter J. Hall, Department of Chemical Engineering,  
University of Strathclyde, Glasgow, UK**

**Presided by Prof. Yang Jun**

**Language: English**

**Time: 2:00-3:30 pm Feb.25, 2011**

**Place: Meeting Room 311, IPE mansion**

**Brief Introduction:**



Prof. Peter J. Hall is an internationally renowned fuels specialist working on the interface of science and engineering. His overall motivation is to provide clean economic energy to society through understanding and manipulating materials at the nano-scale. His approach is experimental, only working with materials that are genuinely sustainable and scalable to meet the needs of a global energy industry.

Since completing his PhD in 1987 at Newcastle University, UK, Prof. Hall has been actively involved in energy research mainly in academia but also in industry with Exxon Corporate Research in USA. He has attracted a balanced portfolio of research funding including research council, industry and EU. He is a company director of Reactortech, an SME which is marketing fast reactor technology to developing countries for bio-gas and activated carbon production. Prof. Hall has published 84 papers in peer-reviewed journals. He was the organizer or co-organizer of numerous symposiums, meetings, and workshops. Prof. Hall's research interests include: electrochemical energy storage (Li-ion batteries, supercapacitors), carbon materials engineering, and coal liquefaction technologies.