



## UK-Taiwan Workshop on Tidal Current Energy

The Royal Society of Edinburgh, 22-26 George Street, Edinburgh  
Tuesday 24<sup>th</sup> February 2009, 0900-1700

### Agenda

- 0830 Registration and Coffee
- 0855 Welcome Prof. Tariq Durrani, Royal Society of Edinburgh
- 0900 *Energy Research and the Kuroshio Power Plant Project of Taiwan*  
Prof. Chen, Falin, Institute of Applied Mechanics, National Taiwan University
- 0945 *Marine Energy Research and Development in the UK*  
Prof. Robin Wallace, Institute for Energy Systems, University of Edinburgh
- 1015 *Establishment of a CODAR System for monitoring Ocean Surface Current around Taiwan*  
Dr. Yang, Wen-chang, National Applied Research Laboratories
- 1045 Refreshments
- 1115 *Tidal Current Characterisation*  
Prof. Ian Bryden, Institute for Energy Systems, University of Edinburgh
- 1145 *A Current Development of Taiwan Ocean and Coastal Engineering*  
Gong, Cheng-Shan, Deputy General Manager, Sinotech Consulting Company
- 1215 *Seagen – Moving Tidal Turbines into Deeper Waters*  
Prof. Peter Fraenkel, Marine Current Turbines
- 1245 Lunch
- 1330 *A Contra-Rotating Marine Current Turbine*  
Dr. Cameron Johnstone, Energy Systems Research Unit, University of Strathclyde
- 1400 *Topography and Geophysics under the Kuroshio Area*  
Prof. Yang, Tsan-Yao, Department of Geosciences, National Taiwan University
- 1430 *Environmental Monitoring in Strangford Lough*  
Dr. Graham Savidge, Queens University Belfast
- 1500 Refreshments
- 1530 *Biogeochemistry and Ecology in the Area off Eastern Taiwan*  
Prof. Wen, Liang-Saw, Institute of Oceanography, National Taiwan University
- 1600 *Wave and Typhoon Activity in the Western Pacific*  
Prof Kao, Chia-Chuen, National Cheng-Kung University
- 1630 *A Review of the Tidal Current Power Plant of the US*  
Chang, Sen-Chun, PhD Student, National Taiwan University
- 1645 *Wake Effects of Tidal Current Turbines*  
Matthew Topper, PhD Student, University of Edinburgh
- 1700 Review and close
- 1730 Reception and networking