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University of
Strathclyde

Progress in SUPERGEN Marine Energy Research **20 June 2006 – St Anne's College, Woodstock Road, Oxford**

A one day workshop for invited SUPERGEN collaborators and partners to highlight achievements and discuss future directions

PROGRAMME

- 9:00 Registration and coffee
- 9.45 **Welcome and introduction**
Dr Robin Wallace, University of Edinburgh
- 10:00 **Understanding the marine resources**
Chair: Prof. Ian Bryden, University of Edinburgh
"Energy characteristics of tidal currents", Dr Scott Couch
"Wave statistics and energy capture", Dr Venki Venugopal
"GIS mapping time series of marine energy", Mr Jamie Taylor
10:45-11:15 Tea/coffee
- 11:15 **Modelling device behaviour**
Chair: Dr George Agiddis, Lancaster University
"An integrated modelling environment", Dr Gregory Payne
"Validated mooring responses", Dr Lars Johanning
"Time and frequency domain modelling", Dr Andrew McCabe
- 12:00 **Lifetime- and macro-economic appraisal**
Chair: Dr George Smith, Heriot Watt University
"Equitable performance appraisal", Dr Tim Stallard
"Regional impact of a developing marine industry", Dr Grant
- 12:30 **Discussion**
13:00-14:00 Lunch & poster session
- 13:00 **Poster session**
Thomas Boehme, Ally Price, Brian Sellar, Xiaoxing Sun,
Mathew Topper, Jack Fasham, John Ruscoe, Tom Davey
- 14:00 **Energy conversion, storage and network delivery**
Chair: Dr Robin Wallace, University of Edinburgh
"Wave- and current- to-wire modelling", Dr Aristides Kiprakis
"Energy storage in hydrogenous liquids", Dr Dimitri Mignard
"Advanced control of surging wave converters", Dr Hakan Yavus
- 14:45 **Access to the outcomes & the revised website**
Chair: Prof Peter McGregor, University of Strathclyde
"A new marine energy knowledge base", Dr George Smith
"The new SuperGen Marine web-site", Dr Aristides Kiprakis
- 15:15 **Discussion**
- 15:45 **Close & tea/coffee**

Further information: Jane Palmer, UKERC Meeting Place manager, Environmental Change Institute, University of Oxford. Email: jane.palmer@ouce.ox.ac.uk; Tel: +44 1865 285171