



INVITATION

Ocean Energy Researchers' Workshop 2009

Friday 2nd October 2009
Marine Institute, Galway

The Marine Institute, Science Foundation Ireland, Sustainable Energy Ireland and Enterprise Ireland are jointly hosting an Ocean Energy Researchers' Workshop. The workshop aims to explore Ocean Energy research priorities and to identify future opportunities.

The objectives of the workshop are to:

- Present developments within the Ocean Energy Development Unit and implementation of the National Strategy for Ocean Energy.
- Provide the industry with an opportunity to present industry-specific research requirements.
- Allow researchers to showcase their research and how it can address development of the industry.
- Assess the opportunities for Ocean Energy presented by the recently published [SFI Energy Strategy](#).
- Enhance communication between research, agencies and industry.

In addition, the workshop may facilitate discussion between researchers and industry around the potential opportunities presented by the forthcoming call for applications for an SFI for Strategic Research Cluster dedicated to energy research.

Target Participation

The target participation for the Workshop is all Irish researchers whose research interests could have an application in the Ocean Energy sector, Ocean Energy Industry and relevant agencies.

Contact

The workshop will be held at the [Marine Institute Headquarters](#) (Rinville, Oranmore) Galway on Friday 2nd October 2009. All details are available at the following website: www.marine.ie/oceanenergy

If you would like to attend, please register by sending an e-mail to marinetech@marine.ie including your name, position, institute and contact details or complete the registration form at the above website.

AGENDA

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Registration	
9:15-9:45	Registration
Session 1: Introduction and Background chair – TBC	
09:45-09:55	Introduction, welcome and update on Sea Change Strategy Ms. Yvonne Shields – Marine Institute
09:55-10:10	Introduction and Update on Implementation of the National Strategy for Ocean Energy Mr. Eoin Sweeney – Ocean Energy Development Unit, SEI
10:10-10:25	Energy Research Opportunities with SFI – specifically the Energy Strategic Research Cluster Dr. Wendy Mc Loone – Science Foundation Ireland
10:25-10:40	Research requirements – An Industry Perspective Dr. Ray Alcorn – Marine Renewables Industry Association
10:40-10:55	Opportunities for Ocean Energy developers and researchers through Enterprise Ireland Ms. Marina Donohoe – Enterprise Ireland
10:55-11:05	Ocean Technology and research opportunities at a European level Mr. Matthew Kennedy – Sustainable Energy Ireland
11:05-11:20	Tea/coffee & Posters
Session 2: Ocean Energy Research chair – TBC	
11:20-12:20	Ocean Energy research activities at the HMRC Prof. Tony Lewis – Hydraulics and Maritime Research Centre, UCC
	Research related to Ocean Energy in UCD Prof. Mark O'Malley – Dept. Electronic and Electrical Engineering, UCD
	Focus of Ocean Energy Research in QUB Mr. Cuan Boake – Marine Energy Research Group, QUB
	Wave Energy Group at NUI Maynooth Prof. John Ringwood – Dept. of Electronic Engineering, NUI Maynooth
	Wave Energy Research in UL Dr. Dan Toal – Mobile & Marine Robotics Research Centre, UL

	Acceleration of Offshore Renewable Energy in Ireland Prof. Colin Brown - Martin Ryan Institute, NUI Galway
12:20–13:30	Participants will break into small discussion groups to consider the following: <ul style="list-style-type: none"> - Identify Ocean Energy research opportunities and needs - Maximise expertise to address these needs - Develop research projects and activities
13:30-14:30	Lunch
Session 2: Breakout Sessions	
14:30 -14:45	Rapporteur Summaries from each group and Discussion
14:45-15:15	Final Discussion and closing comments

Posters	
	<p>Infomar Koen Verbruggen - GSI</p> <p>Off shore ROV operations, high resolution mapping, intervention ops and Ocean modelling on the energy farm scale wave and current simulator – interactions with plant and vehicles. Dr. Dan Toal – Mobile & Marine Robotics Research Centre, UL</p> <p>The use of Acoustic Doppler Current Profilers in the Environmental and Performance Evaluation of the Seagen Tidal Turbine Cuan Boake – Marine Energy Research Group, QUB</p> <p>Anti-Fouling Coatings (POSTER REQUEST) Denis Dowling - School of Electrical, Electronic and Mechanical Engineering, UCD</p>

Directions to the Marine Institute

See map below.

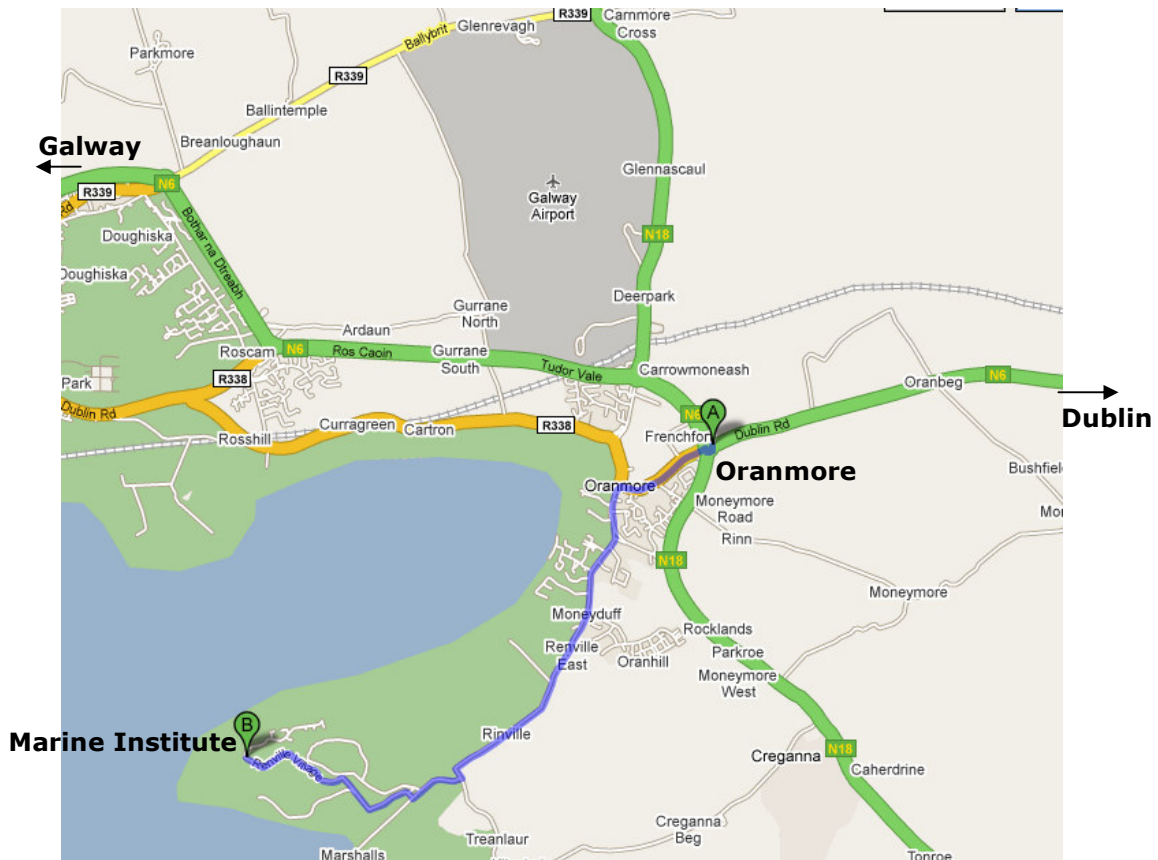
If you encounter any difficulty in finding us, call Reception on 091-387200

The Marine Institute is located approx. 10km from Galway City Centre – you must travel through **the village of Oranmore** to reach the Institute, whether travelling from:

- ◆ East (Dublin N6 Route)
- ◆ South (Cork/Limerick N18 Route)
- ◆ nearby Galway City/Connemara

Directions from Oranmore Village

- ◆ Exit the village by taking the Maree Road
- ◆ After 3.5km you will see signpost for left turn - Maree & Tawin - please ignore
- ◆ You will take the next right turn, which is signposted for the Marine Institute after Renville Park
- ◆ You will pass in front of the sea by Renville Park. Take the right turn away from the sea. It is sign posted again for the Marine Institute.



Parking is **not** available in the Marine Institute's car park. Please pass the Institute's gate and park in the nearby hotel car park. This is the second entrance on your left.

Accommodation is available in the following hotels in Oranmore (5km from Marine Institute) and should be booked directly with the hotel.

Maldron Hotel & Leisure Centre	Oranmore Lodge Hotel
Oranmore, Galway Tel: +353 (0)91 792244 Book On-Line www.qualityhotelgalway.com	Oranmore, Galway, Tel: +353 (0)91 794400 Book on-line www.oranmorelodge.ie