3rd International Conference on Offshore Renewable Energy
CORE 2018
Sponsored by

Call for Papers

Abstracts should be sent to core@asranet.co.uk by the deadline of 6th May 2018. Abstract to be maximum of 300 words. Abstract format will be available here.
About the Conference

Running for the Third time, CORE 2018 is the only technical conference on offshore renewable energy in Scotland, a fitting location, considering that is where most of the UK's offshore wind energy resources are concentrated.

This conference will offer delegates an unparalleled opportunity to network with researchers, technology developers, industrial players, and supply chain partners. It will address the latest developments and strategies in offshore renewable energy, potential investors from public funds and government support funding, wave and tidal energy resources.

One of the aims of this conference is to create a framework for knowledge sharing and to develop a roadmap for research activities in the context of offshore renewable energy that are a relatively new and challenging field of interest. In particular, the conference will enable research activities leading towards innovative, cost efficient and environmentally benign offshore renewable energy conversion platforms for wind and wave energy resources.

Conference Themes

- Wave and tidal energy resource
- Offshore wind power
- Technological developments
- Mitigating risk on the road to commercialisation
- Monitoring, operation and maintenance of wind farms
- Technology management assessment of marine renewable energy
- Developing a commercial scale tidal energy array
- Latest Development of large-scale Offshore Wind Turbine
- Device development and testing – tidal
- Developing a viable ocean energy supply chain
- Rules, regulations and recent policy developments
- Innovation and Recent Projects in the Offshore Renewable Energy sector

Key Dates

Abstract Deadline: 6th May 2018
Abstract Acceptance: 15th May 2018
Full Payment: 29th June 2018
Full Paper Submission: 29th July 2018

Abstract to be maximum of 300 words. Abstract/Paper format is available here.

All the papers will be published in the Conference Proceedings with an ISBN number and deposited in the British Library.

Registration Fees

Full Registration: £400
Student Registration: £200

Technical Advisory Panel

Dr Stuart Bradley
ETI, UK
Dr Maurizio Collu
Cranfield University, UK
Dr Sasa Djokic
University of Edinburgh, UK
Dr Zhen Gao
NTNU, Norway
Dr Lars Johanning
University of Exeter, UK
Dr Fuat Kara
Cranfield University, UK
Dr Madjid Karimirad
Queen’s University Belfast, UK
Dr Domenico Lombardi
University of Manchester, UK
Dr Constantine Michailides
Cyprus University of Technology, Cyprus
Dr Mahmood Shafiee
Cranfield University, UK
Prof Jonathan Side
Heriot-Watt University, UK
Prof V. Sundar
IIT Madras, India
Prof Simon Watson
Delft University of Technology, Netherlands
Mr Mike Wilson
Ecosse Subsea, UK
Dr Wenxian Yang
Newcastle University, UK
Conference Venue

DoubleTree by Hilton Hotel Glasgow Central
36 Cambridge St, Glasgow
G2 3HN

Conference Dinner Venue

Crowne Plaza
Congress Road
Glasgow, G3 8QT

Visit www.offshore-renewables.co.uk for more details
ABOUT KEYNOTE SPEAKERS

Dr R. V. Ahilan  
**Offshore Wind Energy: Prospects and Challenges for Floating vs Fixed**

Dr R. V. Ahilan, Group Director, Renewables Advisory & Energy Technology. He is a Chartered Engineer and Fellow of both IMarEST and RINA. He holds a BSc (Leeds) and MSc (Caltech) in Civil Engineering, a PhD (Cantab) in Engineering Fluid Mechanics and an MBA (Imperial). He is a well-known and highly respected technology and business leader with over three decades of industry experience, more than 15 years of which has been at board level. Prior to LOC, Ahilan EVP of the Renewables Advisory Division of DNV GL, with strategic and operational responsibility for the world’s largest technical advisory firm in renewable energy formed by the merger of GL Garrad Hassan (of which he was President) and the renewables business of DNV. His offshore oil & gas career spanning three decades was with GL Noble Denton, where he was President Americas, MD Europe and MD Advanced Engineering Consulting. He has worked in the marine operations and ocean engineering aspects of the offshore industry globally and has led projects which have had industry impact in setting standards and safety factors in jack-up site assessment, mooring systems and marine transportation. He has been an expert witness and technical advisor to lawyers in Norway, UAE and the UK on many technically complex cases related to marine operations, drilling rigs and FPSOs. He was a member of the UK HSE panel on mooring guidance and convened the ISO 19901-7 Panel which produced the first ISO standard for Station keeping systems. He has also been technical advisor to PhD projects in Cambridge University and Imperial College. He was Non-Executive Director of Windfire, a vertical axis wind turbine based distributed renewable energy company and is Advisory Board Member of WavEC Offshore Renewables. He is a Trustee of the charity Marine Technology Trust which supports industrial placements in the marine industry for UK university students.

Professor Ye Li  

Dr. Ye Li is internationally recognized for his expertise in offshore renewable energy and extensive works in theoretical, numerical, and experimental studies on tidal, wave and offshore wind energy. He is a 1000 Talent Plan Chair Professor, the director of Shanghai JiaoTong University (SJTU) Multiple Function Towing tank, and the director of NDRC National Offshore Wind Technology Laboratory. He served as an associate editor for ASME Journal of Offshore Mechanics and Arctic Engineering, Journal of Hydrodynamics, Renewable Energy, Renewable Energy and Sustainable Energy Review, AIP Journal of Renewable and Sustainable Energy. Prior to joining SJTU, he was the ocean modeling group leader and a senior scientist at U.S. National Renewable Energy Laboratory (NREL). He is an Associate Fellow of AIAA and chairs or members of various offshore renewable related technical committee such as IEC, IEA and IEEE. He received his Ph.D. from Department of Mechanical Engineering at University of British Columbia in 2008. He has authored and co-authored nearly one hundred papers and technical reports.

Invited Lecturers

CORE 2018 will include 6 invited lectures from:

**Professor Subhamoy Bhattacharya**  
University of Surrey, UK

**Mr Claudio Bittencourt**  
DNV GL, UK

**Mr Ting Sie Chui**  
COWI, UK

**Professor Zhen Gao**  
NTNU, Norway

**Professor Lars Johanning**  
University of Exeter, UK

**Dr Vengatesan Venugopal**  
University of Edinburgh, UK

Visit www.offshore-renewables.co.uk for more details
Sponsorship & Exhibition Space

**Sponsorship**

Cost  £1500 + VAT

**Package Includes:**
- 2 Free Delegate Registration
- Company Logo in the Conference Programme
- Company Logo in the Book of Abstracts
- Company advert in the Book of Abstract (A4 Size)
- Advert in the Conference Proceedings (USB)

**Exhibition**

Cost  £1200 + VAT

**Package Includes:**
- 1 Free Delegate Registration
- 1 Display table (1800 x 1200 mm) in Breakout Area
- Display material: Published material, Structural component
- Display Banners

**Sponsorship Package + Exhibition Package**

Cost  £2100 + VAT

- 2 Free Delegate Registrations
- 1 Display Table (1800 x 1200 mm) in Breakout Area
- Display Material: Published Material, Structural Component
- Display Banners
- Company Logo in the Conference Programme
- Company Logo & Advert in the Book of Abstracts (A4 Size)
- Advert in the Conference Proceedings (USB)

Contact E: core@asranet.co.uk T: +44 (0)141 275 4801

Visit www.offshore-renewables.co.uk for more details
About Glasgow

Glasgow has been named as one of the top 20 'Best of the World' destinations for 2016 by influential publication National Geographic Traveler, the city has also been voted the 'friendliest city in the world' in a Rough Guides poll and named a must visit destination by leading publications like the New York Times, The Guardian and Wanderlust! Earning its reputation as one of the world’s greatest cities, you can expect a very warm welcome and when you add world-class architecture, a vibrant nightlife, breath taking scenery and out-standing shopping, you'll never want to leave! One of beauties of Glasgow is its compact size - you can see a lot of the city in a remarkably short space of time. It also has some very distinct neighbourhoods. If you’re looking for the perfect place to people-watch, head for the trendy West End. Its up and coming rival is the emerging ‘Cool Quarter’ of Finnieston, which is buzzing with bars and independent shops. If you love the energy of a flea market, pay a visit to 'The Barras' (Glaswegian dialect for "barrow"), in the East End. Or head over the river to the city’s South Side, where the sprawling Pollok Park offers a woodland oasis, as well as the world-renowned Burrell Collection, with its fascinating range of art exhibits. Further afield, ancient castles, picture-postcard distilleries, tranquil lochs, outstanding golf courses and miles of unspoilt coastline are all just a short journey from the city centre - incredibly, you can get to Loch Lomond, gateway to the Scottish Highlands in only 30 minutes. The capital of Scotland, Edinburgh is only 50 minutes far by train.

Getting Here

Airport Connections

Glasgow is well connected globally by Glasgow International Airport through Emirates, KLM, Air France, Easyjet, Ryanair and many more. The airport is currently linked to Glasgow City Centre by Glasgow Shuttle bus service 500. This is run by First Glasgow under contract to Glasgow Airport. The service runs 24 hours a day, direct via the M8 motorway.

Train Connections

Fast trains run into the centre of Glasgow terminating at Glasgow Central. The train service from London, Manchester, Newcastle terminate at Glasgow Central or at Glasgow Queens Street with connections through Edinburgh Waverley.

Accommodation

With over 18,000 bedrooms in the Greater Glasgow area, and almost 7,000 in the city centre alone, you’re guaranteed to find accommodation which suits your taste and budget! Whether your style is a luxury hotel retreat, a vibrant hostel, homely B&B or a comfortable city centre apartment, you can be assured of a warm Glaswegian welcome. Below are a list of hotels close to the conference venue

- Mercure Glasgow City From £48
- The Brunswick Hotel From £60
- Holiday Inn City Centre From £50
- The Grand Central Hotel From £43
- DoubleTree By Hilton Glasgow Central (formerly The Glasgow City Hotel) From £40
- Premier Inn George Square From £60

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