

Welcome to the winter edition of the Bryden Centre eZine. The last six months has seen a great deal of activity and progress with the work of the Centre.

We have welcomed several new faces including:

- Peter Coyle – Chair of the Bryden Centre Board
- Dr Pal Schmitt – Post Doctoral Research Associate (based at Queen's University, Portaferry)
- Dr Valentina Gogulancea - Post Doctoral Research Associate (Based at Ulster University, Jordanstown)
- Ronan Gallagher – PhD Student (based at Letterkenny Institute of Technology)
- Samer Fawzy – PhD Student (based at Queen's University Belfast)
- Zoreh Sarichloo – PhD Student (based at Letterkenny Institute of Technology)



STUDENT-SCAP MEETING

The Science and Commercial Advisory Panel (SCAP) held a progress review for Bryden students in their 2nd and final years of their PhD. This was held on 8 January 2020 at Queen's University. Students from all partners came to Belfast to present progress and answer probing questions from members of SCAP and supervisory teams. Many positive comments were made on progress along with ideas for future direction.

This was a follow-on meeting from a progress review meeting held at LYIT in September where the PhD students from Bryden met with their LYIT supervisors. It was a great workshop with the students presenting their work and getting a tour of the facilities at the Letterkenny campus of LYIT.





ENGINEERING THE ENERGY TRANSITION CONFERENCE

A major success for the Bryden Centre was achieved with the launch of the Engineering the Energy Transition conference. This event exceeded expectations with 114 leading academics, industry professionals and senior civil servants registered for the conference held 26 - 28 February 2020 at the Titanic Hotel Belfast. A diverse range of speakers from across Europe gave an excellent perspective of many of the technology options, operating landscape and potential opportunities in the energy transition from fossil fuels to renewable energy.

The conference looked at the achievements in power generation and the major challenges moving heating and transport to a low-carbon future. Current capabilities and future direction for energy generation from wind, solar, bioenergy, nuclear and marine power were considered, and a number of lively debates held. The conference had considerable immediate impact as shown by the substantial social media profile over the conference and in the days after. Work from the Interreg VA projects Renewable engine and Spire 2 was showcased along with success stories from CASE and InvestNI. The venue proved to be a popular choice with iconic architecture, great food and facilities.



SUMMER SCHOOL 2020



lyit

WILD ATLANTIC WAY

From 17 – 22 May 2020, Bryden Centre @LYIT are looking forward to hosting all the Bryden PhD students for the 3rd Summer School which will be in Downings and Letterkenny. An interesting, challenging and informative programme has been planned, covering IP & Commercial Awareness, Leadership, Writing and Mock Interviews!

Along with this, there will be exploration of the history and natural beauty of North Donegal along the Wild Atlantic Way.

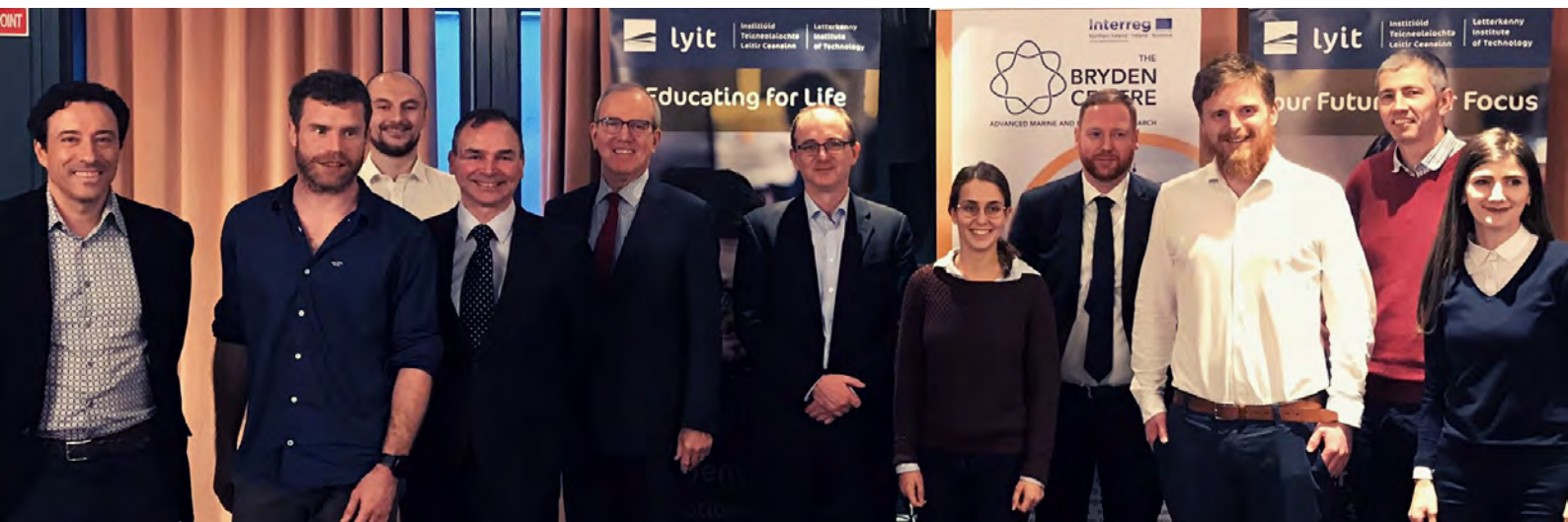
We are excited to have over 100 years of industrial and academic experience visiting during the summer school to present a range of interesting workshops to help our students as some begin completing their thesis and transition to employment.

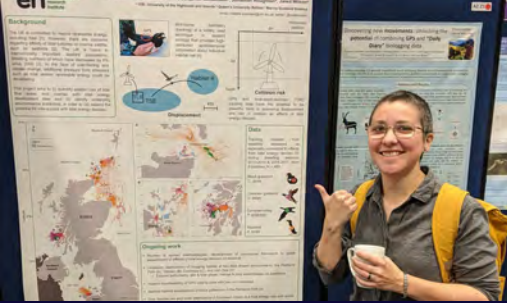
EXPERTISE RECOGNISED

Gary Britton's expertise in offshore legislation has led to growing demand for his assistance. Gary was invited to participate as part of a delegation from Enterprise Ireland to see first-hand the supply chain of offshore wind in Great Yarmouth 16 - 17 September 2019. He also attended a meeting at Department of Housing Planning and Local Government in Wexford as part of MRIA.

Gary was also invited to present at the MRIA conference in Dublin, 6 February, on Ireland's future offshore legislation and the pitfalls at present.

Gary's extensive knowledge of offshore legislation is being captured in a publication currently being prepared with the support of Dr Aoife Foley and Bryden PhD student Barry Johnston.





Natalie Isaksson and Melissa Costagoliola-Ray present their work at British Ecological Society Meeting (BES19)

HIGHLIGHTS



Nick Horne presented his paper at European Wave and Tidal Energy Conference (EWTEC) along with Lilian Lieber and Raeanne Miller



Barry Johnston presented his paper at Sustainable Development of Energy Water and Environment Systems (SDEWES2019)



Chris McCallum published the first in a series of articles around Belfast Live's #Do1Thing campaign. The first article related busting the myths around car travel in Belfast.



Narendran Kumar attended both OEE 2019 and ICREE 2019, where he received an excellent oral presentation award from the Chairman of ICREE.



James Slingsby presenting at Marine Alliance for Science and Technology for Scotland (MASTS), annual science meeting, along with ePosters from other Bryden Students

UPCOMING EVENTS

The Bryden Centre will be exhibiting at following upcoming events

