Invitation
The Lloyd’s Register Foundation Oration, Australia

Dr Sam Stanier, Associate Professor Britta Bienen, Assistant Professor Scott Draper, Mr Colm O’Beirne, Dr Xiaowei Feng, Mr Simon Leckie.
Unlocking energy resources offshore: engineering challenges from renewables to deepwater

Unlocking new frontiers in offshore energy, such as marine renewables, marginal field developments and deepwater production, presents a vast number of engineering challenges. In this oration six early career researchers from the Lloyd’s Register Foundation funded Centre for Offshore Foundation Systems (COFS) at The University of Western Australia will present some of the engineering challenges at the interface between academic research and industrial application. The presentations will span the themes of renewable energy (tidal and offshore wind energy), subsea infrastructure reliability (pipeline stability) and deep water engineering (intelligent site investigation, shallow foundations and torpedo anchoring). Each of the presentations will highlight the contributions that the Lloyd’s Register Foundation Centre of Excellence is making towards assessing and safely securing energy resources offshore. These include the development of new industry guidelines and design tools, the invention of novel offshore solutions and research which has fueled political debate at the highest levels.

For abstracts and speaker information please visit: www.cofs.uwa.edu.au/collaborations/lrf