

**THE OFFSHORE ENGINEERING SOCIETY
JOINTLY WITH THE BRITISH GEOTECHNICAL ASSOCIATION
Wednesday 18th May 2016 at 18:00pm**

TELFORD THEATRE, INSTITUTION OF CIVIL ENGINEERS, ONE GREAT GEORGE ST, WESTMINSTER, LONDON SW1P 3AA



**BLUE Piling Technology:
Driving the largest piles offshore with....
water**

Speaker

Jasper Winkes, *Fistuca BV*

BLUE Piling Technology is a revolutionary new technology for driving large piles offshore. The technology breaks with the tradition of using larger and larger impact hammers to drive piles offshore but instead utilises what is abundantly available offshore....water!

The technology creates the pile driving energy using combustion generated pressures to accelerate a large column of water onto the pile head. The longer blow duration in comparison to standard steel ram pile drivers, allows significant reductions in both the noise generated and fatigue damage to the pile during pile installation. The technology allows silent, cost-effective installation with lower fatigue levels of the largest piles in the world.

Biography: Jasper Winkes is the founder and director of *Fistuca BV*. He graduated in 2008 in Mechanical Engineering (Combustion Technology) at the Eindhoven University of Technology, The Netherlands. Following his graduation, he founded *Fistuca BV*, in order to develop innovations in the field of foundation equipment and to deliver engineering services for pile driving equipment. In 2011, *Fistuca BV* began developing BLUE Piling Technology, which allows silent offshore pile driving. In 2015, *Fistuca* set a new industry record for the highest pile driving energy ever delivered.



Disclaimer: Any views or opinions expressed on any matters by the presenters or participants during or in connection with this presentation are solely the views of the authors of the respective comments and/or opinions and must not be taken to be the views of the OES, the ICE, the BGA or any other organisation. The OES, ICE and British Geotechnical Association make no representations, warranties or assurances concerning any information provided in these presentations and accept no responsibility for the content and/or accuracy.

This event will be broadcast online, details for which will be issued to OES and BGA members by email prior to the meeting.

REFRESHMENTS: *Tea and coffee will be available from 17:30 and the ICE Bar will be open for networking after the Lecture*

BOOKING INFORMATION Please book your place at this event through the online booking link at:

<https://www.ice.org.uk/events/blue-piling-technology-driving-piles-offshore>

Booking is only required if you wish to attend in person. If you experience any difficulty booking online please contact Pauline.Arundel@ice.org.uk. Please note priority booking is given to OES members, BGA members and speakers' organisations.

Non-OES and non-BGA members who wish to attend may be added to a reserve list and notified if/when a space becomes available. If you would like to be added to the reserve list, please contact Pauline Arundel at Pauline.Arundel@ice.org.uk.

OES Non-Member Event Mailing List: If you do not currently receive event notifications from OES and would like to be added to the event mailing list please contact Pauline.Arundel@ice.org.uk.

If you have any queries about this event, please contact Kath Coldwell Katherine.Coldwell@ice.org.uk, 020 7665 2238.