

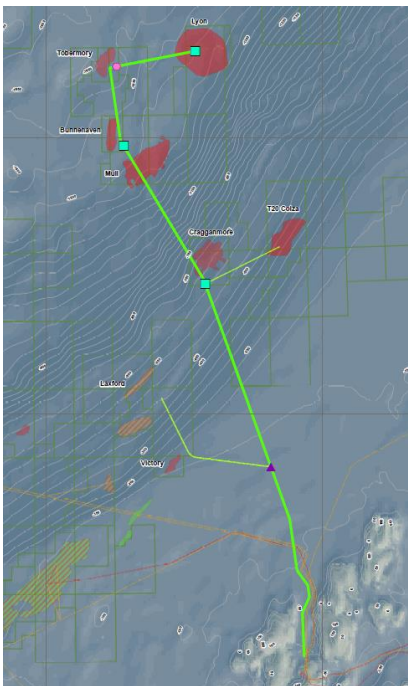
2019 SONG AGM and Technical Presentation

Lee Thomas, WorleyParsons Presents:

"Subsea Tie-Backs Enabling Field Development"

Tuesday 14th May 2019 at 18:00

NOTE VENUE: One Birdcage Walk



An overview of an Oil and Gas Technology Centre (OGTC) study to consider the economic impact of applying the innovative Pseudo Dry Gas technology to known stranded gas fields to the North of Shetland islands, making a gas gathering corridor stretching 200km and 1.7km deep. The scope included a detailed flow assurance analysis, and integrated asset modelling for multiple development options to determine the estimated total recovery. This study was supported by data from the UK Oil and Gas Authority. The technology is currently undergoing initial prototype testing at Cranfield University.

Historically subsea tie back systems have been generally limited to around 120km as a single pipeline or 150km as dual pipelines after which they become uneconomic due to increasing back-pressures within the gathering system. Therefore resulting in stranded gas fields.

The Pseudo Dry Gas system dramatically reduces pressure drop within multiphase pipeline allowing significantly longer

and deeper gas tiebacks, making stranded fields accessible. All this while typically lowering operational CO₂ emissions by half over comparable development options.

The presentation will show the comparative study for a known stranded gas basin for a range of development options based on current and near future technology in order to demonstrate the value proposition and CO₂ emission reduction of the Pseudo Dry Gas technology.

Venue: IMechE, One Birdcage Walk,

Map attached.

For more information contact:

song@ichememember.org

This will be the last SONG presentation before the Summer Break. The SONG Committee hopes to restart SONG events in the autumn. Refreshments and networking from 6.00pm, the AGM will start at 6.30pm, presentation afterwards. There will be an opportunity for more networking after the presentation.

Members not able to attend can join the live presentation over the web.

Register for this at: <https://attendee.gotowebinar.com/register/3569290020229802253>

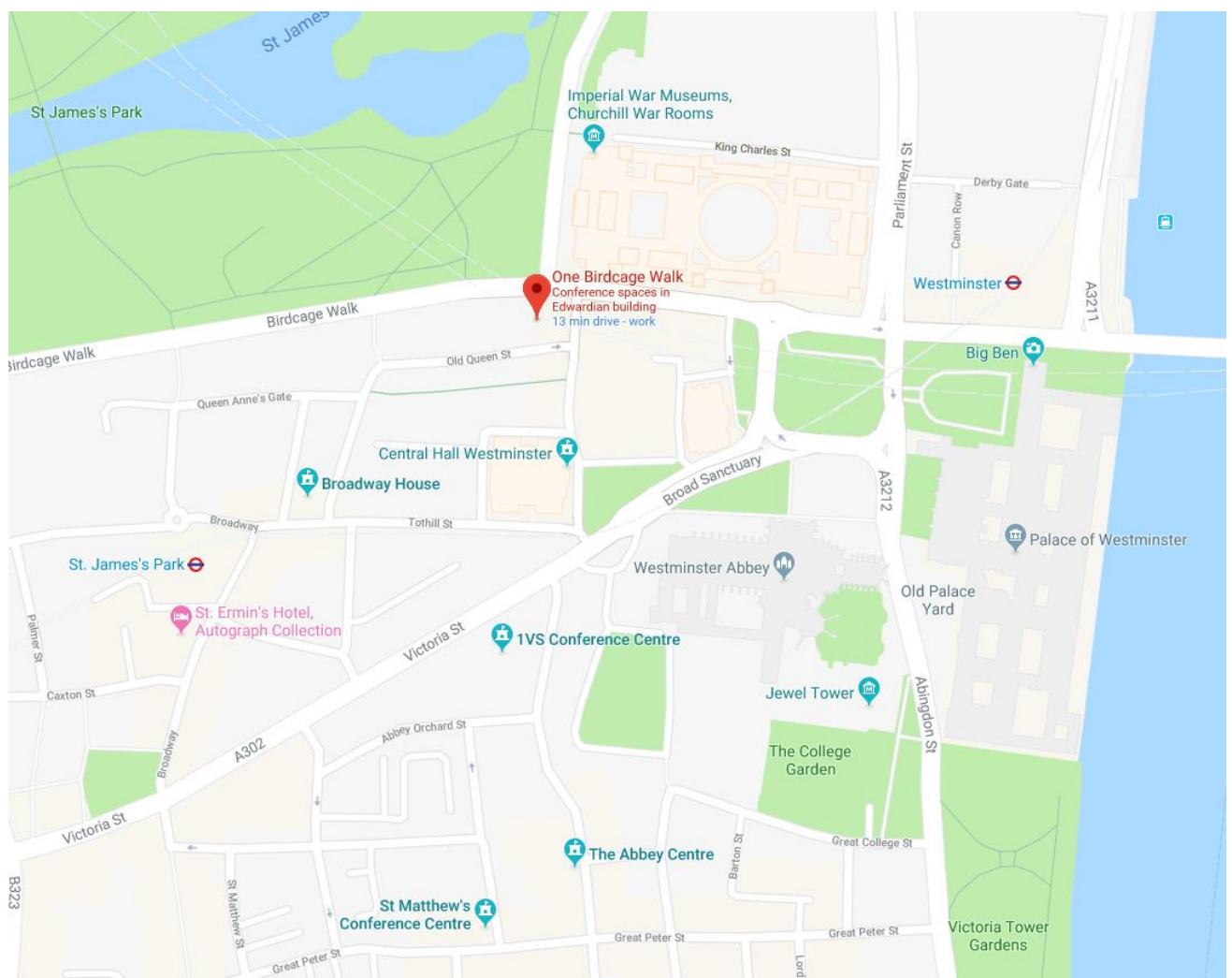
Join us on LinkedIn: <https://www.linkedin.com/groups/IChemE-Oil-Natural-Gas-Special-7421236/about>

The IMechE: One Birdcage Walk

LOCATION

1 Birdcage Walk, Westminster, London SW1H 9JJ
Nearest tubes are St. James Park and Westminster Station

MAP





Oil & Natural Gas
Special Interest Group

OIL AND NATURAL GAS SPECIAL INTEREST GROUP ANNUAL GENERAL MEETING

6:30 p.m. Tuesday 14th May 2019

1 Birdcage Walk, Westminster, London SW1H 9JJ

AGENDA

Chairman's Report

Treasurer's Report

Election of Committee for 2019/20

Any Other Business

Anyone interested in taking the position of Chairman, Secretary, Treasurer or Evening Meeting Co-ordinator must contact the current Secretary, Christopher Rasiah, (e) song@ichememember.org no later than 6pm (BST) Friday 10th May 2019. As usual, any volunteer willing to serve on the SONG Committee will be made welcome at any time.

This AGM will be webcast, those SONG members wishing to participate online in the webcast AGM please email song@ichememember.org no later than 8am (BST) Tuesday 14th May 2019.

| 2018/19 Committee | |
|----------------------------|--|
| Chairman | Toby Chancellor-Weale |
| Secretary & IMechE Liaison | Chris Rasiah |
| Treasurer | Shakeel Ramjaneer |
| Education Officer | Nick Kendall |
| Publicity Officer | Alastair Whitehead |
| Events Organizer | Tony Griffiths |
| Webcast Officer | Stephanie Wong |
| SONG Website Officer | Abieyuwa Enaigbe |
| Finance SIG Representative | Amy Lake |
| SONG Malaysia | Rafil Elyas Zainab Kayat Avinash Ravendran |
| Committee Member | Idris Shah |
| Committee Member | Sarfraz Mohammed |
| Committee Member | Danny van Schie |