

## FIRE AND BLAST INFORMATION GROUP

**92<sup>nd</sup> TECHNICAL MEETING:**

### **NEW DEVELOPMENTS FOR DESIGN AGAINST CRYOGENIC RELEASES**

#### **HALF-DAY EVENT**

27<sup>th</sup> September 2017  
Aberdeen University, AB24 3UE, Aberdeen



28<sup>th</sup> September 2017  
Broadway House, Tothill Street, SW1H 9NQ, London  
and  
**via LIVE WEBCAST**  
(Registering for the webcast enables live viewing of the meeting)

## Programme:

SESSION TITLE	TIME (UK)
<b>Registration and lunch</b>	12:00 - 12:45
Key results from the (Floating) LNG cryogenic protection JIP <i>M. Rivot &amp; B. Lequime - TechnipFMC</i>	12:45 - 13:20
A simple model for predicting the chilldown of surfaces exposed to a cryogenic liquid spill <i>N. Tripathi - Shell</i>	13:20 - 13:45
ISO 20088-1: The only way to check the protection performance of materials <i>S. Viale - TechnipFMC</i>	13:45 - 14:15
Advanced cryogenic risk for FLNGs and FSRUs: Bridging gaps <i>J. Pujol - Lloyd's Register &amp; Y. Ryu - SHI</i>	14:15 - 14:45
<b>Break</b>	14:45 - 15:05
CFD modelling of LNG spreading, vapour dispersion, fire and structural impact <i>K.E. Rian - ComputIT</i>	15:05 - 15:35
Structural response assessment of cryogenic spills - Modelling ductile-brittle transition behavior with large shell elements <i>J. Amdahl - NTNU</i>	15:35 - 16:05
Key advances in predictive tools for consequence analysis associated with LNG safety - Final dissemination of the EU funded SafeLNG project:	16:05 - 17:05
<ul style="list-style-type: none"> <li>Overview of the project and its outcome including snapshots from results in LNG spill, evaporation and dispersion, large scale LNG fires and cloud formation from LNG cascades <i>J. Wen - University of Warwick</i></li> <li>Predicting flashing cryogenic jets <i>K. Lyras - Kingston University</i></li> <li>Predicting LNG rollover <i>A. Hubert - Kingston University</i></li> <li>Predicting LNG vapour cloud explosions <i>R. Khodadadi Azadboni - Kingston University</i></li> </ul>	
<b>Meeting Close</b>	<b>17:05</b>

## Continuing Professional Development:

We would like to remind you that members of most engineering institutions can count FABIG Technical Meetings as Continuing Professional Development (CPD). Attendance certificates are issued to delegates upon request.

## Attendance Fee:

*FABIG Members:* **Free**

*Non-members:* **£350** (excluding VAT) per person for the Aberdeen and London events

Please note that **only FABIG Members can register for the webcasts.**

## Registration:

Please register for the event online at <http://www.fabig.com/events>.

For any FABIG related information, please contact Sue Coker or Jane Burrell at SCI:

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