



**64<sup>th</sup> UKELG One Day Discussion Meeting on  
Explosion Incidents and Near Misses  
Thursday 28th November 2024  
Oak Suite Room 1, Stag Hill Campus, [University of Surrey](#)  
Available Online Via Teams**

Dear Colleagues,

Our 64th meeting is now approaching and marks our first meeting in 2025. We are holding the meeting at the University of Surrey. There is an option to attend online, however, don't miss out on the opportunity to engage with colleagues from our area of expertise in person.

Research in the field of Explosion Science generally leads to enhancements in safety and reductions in the numbers and severity of explosion incidents. The incidents which do unfortunately still happen can also teach us. Valuable insights into the consequences of explosion incidents can help to better understand the explosion phenomena and conversely; understanding of explosion phenomena can help to understand an incident. The 64th UKELG discussion meeting is dedicated to this topic – the two-way synergy between explosion incidents (and near misses) and research.

**If you have not advised us of your intention to attend, please do so ASAP using the registration link below.** The cost of the day will be £50 to include coffee, lunch and tea. Tickets are only available on Eventbrite (<https://www.eventbrite.co.uk/e/ukelg-64th-discussion-meeting-tickets-1074395408589>) and are available as in-person or online tickets. Students requiring assistance with the registration fee and with travelling expenses should contact the Secretary ([daniel.allason@dnv.com](mailto:daniel.allason@dnv.com)). The Secretary can also be approached for financial assistance, for those who are retired or otherwise financially unsupported by an academic or other organisation.

The Committee is looking forward to your response and registration and to meeting you again in Buxton on the 28<sup>th</sup> November.

Dan Allason (Secretary)

Salvador Navarro-Martinez (Treasurer)

Jennifer Wen (Chair and Local Organiser)

**UKELG Web site** – <http://www.ukelg.org> Registered Charity 1080033

### **What is UKELG?**

UKELG is a subject interest group, which aims to promote the understanding of all aspects of explosions, including the analysis and prevention of accidental explosions, by stimulating the informal exchange of relevant information. UKELG is a registered charity.

### **How does it function?**

Each year, on average, two UKELG meetings are organised. Generally these are one-day events, held at scientific and research establishments all over the UK. The topics discussed cover all aspects of explosion and related loss prevention.

To achieve open discussion of current research and development the UKELG actively encourages the presentation of recent research and results, especially work-in-progress.

So as not to inhibit informal contributions and discussion, the proceedings are not published. At the request of the authors or with their agreement, some presentations are placed on the UKELG website.

### **Who can attend?**

There is no membership fee. Any interested person is free to attend meetings, on payment of an appropriate small fee to cover running costs. Attendance usually includes people from academia, industry, consultancies and the regulators. Details of meetings are sent to a list of contacts by e-mail and are available from the UKELG website. To be added to this list, e-mail the secretary below.

### **UKELG contact information**

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FINAL PROGRAMME

**09:30 am** Arrival and coffee

**10:00-10:30** Prof Jenq-Renn Chen, National Kaohsiung University of Science and Technology, Kaohsiung, Taiwan “Analysis of the Kaohsiung Vapour Explosion

**10:30-11:00** Dr Kees Van Wingerden , Vysus Group, “Some examples of dust explosion accidents”

**11:00-11:30** Dr Maxim Bragin, Air Product, “High pressure hydrogen jet explosions in absence of confinement or congestion. Incidents, tests, models”

**11:30-12:00** Dr Gary Tomlin, DNV, "Investigation of Domestic Gas Explosions"

**12:00-12:30** Dr Olav Hansen, HYEX Safety, “Sandvika H2 fuel station explosion in 2019”

**12:30-13:30** Lunch and networking with coffee

**13:30-14:00** Dr Sam Rigby, The University of Shieffield, “Beirut Explosion”

**14:00-14:30** Dr Ian Barnes, Abbott Risk Consulting Ltd, “An historical review of the two ‘Bedenham’ munitions depot accidents of 1950/51”

**14:30-15:00** John Logue, EDF Nuclear Service, “Process Safety Management Strategies to reduce explosion occurrence”

**15:00-15:30** Knowledge gaps and research needed to help mitigating explosion accidents in the light of the presentations (Discuss by all, to be led by Jennifer Wen, FREng, University of Surrey)

**15:30** Close

**Directions:**

Oak Suite (Room 1 and 2 on the top floor above Hillside Food Court, **STAG HILL Campus**

(Numbered as “2” in light blue in the attached map, travel directions can be

found <https://www.surrey.ac.uk/visit-university/our-campus>

It is less than 10 minutes from Guildford station which can be reached by train in 30-40 minutes from London Waterloo

As we are booked at the internal price, the university cannot offer free parking permit. There is a pay & display car park, first car park on the left after driving into **STAG HILL Campus**