

The Safety and Reliability Society

Midlands Branch

Evening Meeting: Tuesday 22nd January 2019 at 6-30pm

Assessment of the Threat from Wildfires on Above Ground Natural Gas Facilities

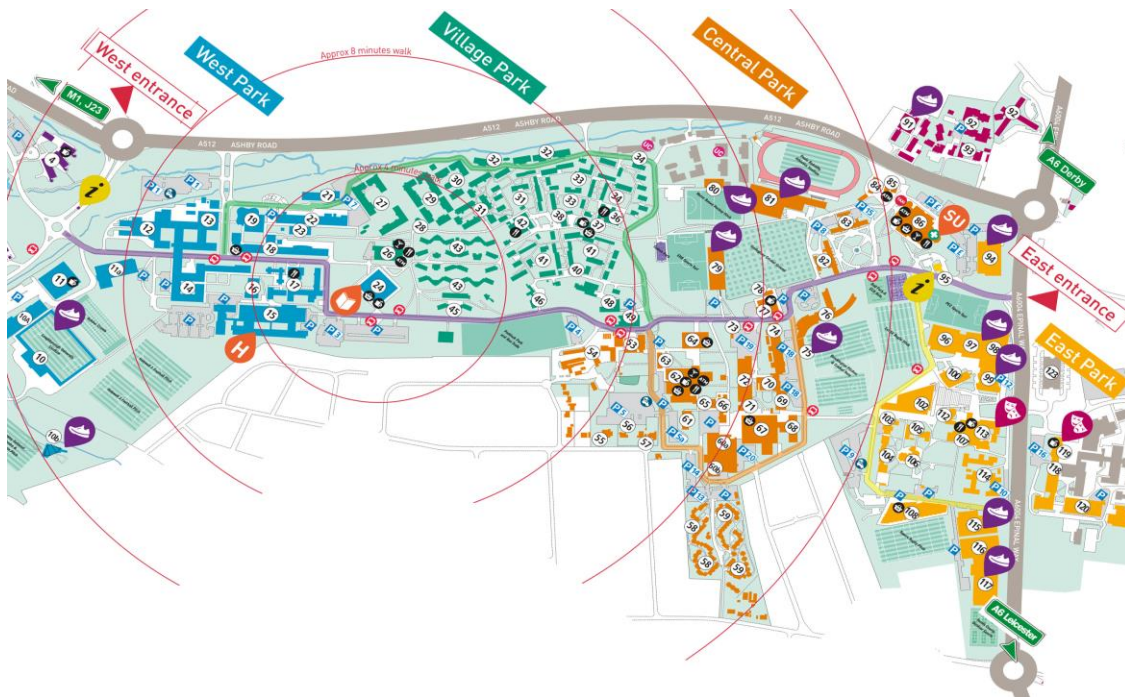
Speaker: Clive Robinson, DNV-GL, Loughborough

Venue: Room 027 Waverley (Wavy Top) Building, Loughborough
University, Ashby Road, Loughborough LE11 3TT
(Building Number 72, in the Central Park on the Map below, car park 19
is closest, alternative car park 5)

Attendance free, members and non members welcome



Summary- The potential for wildfires to impact on above ground natural gas facilities must be taken into account in the emergency preparedness for the facilities. A quantitative methodology has been developed to assess the effects of a wildfire consisting of linked calculations for the severity of the wildfire, the transmission of thermal radiation, and the response of equipment, structures and buildings. The results have been compared with the actual damage to a block valve site in 2016. The threat to the plant and the nature of the likely damage has been shown and the sensitivity of the prediction to the distance from the tree line and type of vegetation demonstrated.



Directions: Loughborough University is less than two miles away from junction 23 of the M1 motorway (on the A512). The University is clearly signed on all the other main approach roads to Loughborough. To help ensure your satellite navigation system gets you to Loughborough University correctly, use the postcode LE11 3TT when setting your destination.

For the Wavy Top Building (Building 72) you can use the West or East (preferred, use sat nav LE11 3TT) entrance to access the orange Central Park area and park in car park P19 adjacent to the building (or alternatively the large P5 car park on the opposite side of the road just past Building 62).

Further information: Clive Musgrave 07740 047248; Harry Hopkins 07768 681497