

# Workshop on multicopters for inspection

## Wednesday 16 June 2021

### Park Inn by Radisson Hotel and Conference Centre, London Heathrow, UK

## Multicopters Workshop

This event follows on from the successful 2018 workshop and will present delegates with information about the current progress of developments for multicopters, commonly known as drones, for carrying out aerial inspections of industrial and other assets.

Multicopters are increasingly being used to conduct inspections of locations that are difficult to access or hostile to human inspectors. Great cost savings have been made through the use of multicopters when compared to traditional inspection methods that often require scaffolding to be erected.

Drones can carry high-resolution cameras, thermal imaging equipment or light detection and ranging (LIDAR) equipment. Recent developments include the deployment of ultrasonic sensors to take thickness measurements of remote components. The aim of the workshop is to inform delegates of the legal, safety and training requirements, supported by case studies of a variety of applications, including oil & gas, wind turbines, rail, power generation and distribution.

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### List of speakers

- Training for industrial inspections  
*B Barclay, ECITB*
- Maximising efficiency of drone-captured data through digitalisation  
*J Foreman, Cyberhawk*
- Flying drones in hazardous zones  
*M Murray, Inspectahire*
- Update on the development of a standard for visual inspection using UAVs  
*T Fong, Offshore Renewable Energy (ORE) Catapult*
- Dry-coupled ultrasonic inspection from an over-actuated multicopter  
*R Watson, Centre for Ultrasonic Engineering (CUE), University of Strathclyde*
- EMATs for drones – a practical method for ultrasonic inspections from air  
*F Cegla, P Khalili and A G Casanovas, Imperial College London*
- Remote sensing applications in industry using drones  
*S Welland, iRed*
- HOIS guidance for UAV-based external remote visual inspection  
*S Burch, ESR Technology Ltd*
- Future developments in drone inspections  
*G Dobie and C McLeod, Strathclyde University*

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**For registration, please complete the form and send it to the address below.**

For further information contact:

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Name: ..... Company: .....

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Attendance required: 16 June 2021  BINDT Member: Yes  / No

Method of payment: Company order  Credit card

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