



London Seminar Programme

Monday 4 November

**1 Great George Street
Westminster
London SW1P 3AA**

08:45 Registration and coffee

09:20 Welcome by the Chair

David Williams, Technical Director, AXA Insurance and Chairman, RISCAuthority

09:30 **Space debris: the threat hanging over our heads**

Society relies on satellites for all aspects of daily life – from communications and financial management to disaster mitigation and navigation – to gain a deeper understanding of our planet, such as monitoring the salinity in the sea, or the movement of the Earth's tectonic plates. Jason will talk about Astroscale as the first, and one of a few commercial companies globally, proposing to aid in the removal of orbital debris through the provision of active debris removal services. In addition to providing a technical solution, Astroscale is helping to define the business case for this service, and is working with national space agencies, international institutions, non profit organisations, insurance companies and satellite operators to develop norms, regulations and incentives that contribute to the responsible use of space.

Dr Jason Forshaw

European R&D Manager
– Astroscale

10:00 **Fluorine free foams**

At a time when sprinklered storage risks are likely to become increasingly dependent on the use of foam firefighting additives, Andy Hall will discuss the implications of the removal of some heavily relied upon foam types as their environmental credentials are reassessed, exploring what might ultimately take their place and commenting as to whether they are likely to be as good.

Andy Hall

General Manager
– Hall Fire & Safety
Consultants Ltd

10:30 **Collision investigation and vehicle technology**

Philip addresses the requirements of collision investigation, the identification of causation factors and the difficulties of new and emerging vehicle technologies.

Philip Hackford

Lead Forensic Vehicle
Examiner – Wiltshire Police

11:00 Q&A

11:15 Coffee and refreshments

11:45 **The implications of new energy vector vehicles**

With the push to reduce the amount of internal combustion engine vehicles on the roads to lessen the impact of climate change, vehicles using new technology are currently being developed and deployed on public roads. Martin provides a brief overview of the new energy vector technologies that power these vehicles, and the safety implications that arise for both people working on them and for the infrastructure required to support them.

Martin Brown

Improvement Consultant
– HORIBA MIRA Ltd

12:15 **The future of smart door locks in residential homes**

We are all used to using electronic locking on our cars and in the workplace, and the next step is in our homes. To drive consumer adoption, we must create products that truly add value to people's lives, understand barriers to adoption and conquer the fear of going keyless in our homes. Hazel will discuss how security standards and education play a fundamental part in this journey, which will in turn allow insurance companies to endorse products and lower premiums for properties fitted with best in class security devices.

Hazel Whittingham

Smart Residential
Senior Product Manager
– Yale UK

12:45 **After Notre Dame: managing fire risk in historic buildings**

Some buildings are more than architectural marvels or great engineering feats. Some even transcend the status of symbols of national prestige and become globally recognisable – part of our collective history and culture. When a fire ravages somewhere as iconic as Notre Dame de Paris, it sends a shudder through everyone. How do we best protect these internationally loved buildings from fire? And how do we prepare for our worst fears? Terry Crowdy discusses the approach taken by Historic Royal Palaces in the UK.

Terry Crowdy

Deputy Fire Health and
Safety Advisor – Historic
Royal Palaces

13:15 Q&A

13:30 **Closing Summary**

Closing statement and summary by the Chair

David Williams

RISCAuthority Chair

13:35 Lunch and networking