

Tuesday 6 November

0900 – 1000 **Registration and Coffee**

1000 – 1015 Welcome and Conference Administration
Nick Lindley, *Director Symposia at Shrivenham*

Chair: Mark Hardman, *Roxel*

1015 – 1030 Opening Address
Mark Hardman, *Roxel*

1030 – 1100 Keynote
Dai Morris, *Complex Weapons SRO, Strategic Programmes MOD*

1100 – 1130 Reducing the Cost of Qualifying General Munitions
Peter Gould, *QinetiQ* and **Andy Burn**, *BAE Systems*

1130 – 1200 Getting products into service quicker – Sea Ceptor
Andy Lapsley, *Defence Equipment & Support*

1200 – 1230 Plenary Discussion

1230 – 1330 **Lunch**

Chair: Andrew Carr, *BAE Systems*

1330 – 1345 Ammunition Design Projects – Ammunition Technical Officers (ATO) Course
Lieutenant Colonel Liz Nelson, *Defence Academy of the United Kingdom*

1345 – 1415 Faster Recuperation – How far can complex weapons move towards “just in time” production?
Mark Smith, *Defence Equipment & Support, WOC*

1415 – 1445 Resonant Acoustic Mixing
Rosie Davey, *BAE Systems*

1445 – 1515 **Tea**

1515 – 1545 Supply Chain Resilience for OME
Jim Fleming, *FCIT2 Ltd*

1545 – 1615 Additive Layer Manufacture
Dr Simon Church, *BAE Systems*

1615 – 1700 Plenary Discussion

1905 – 1930 *Delegates transported from Churchill Lecture Theatre, **Jurys Inn** and **Blunsdon House Hotel** to **STEAM***

1930 – 2330 **Event Dinner** then transported back to hotels– Dress code Lounge Suits

Wednesday 7 November

0830 – 0900 **Arrival Coffee**

Chair: David Groves, Dstl

0900 – 0930 Javelin In-Service Surveillance Programme

Major Julian Bastin RLC, *Defence Equipment and Support, DOSG*

0930 – 1000 Improved Methodology for Life Assessment of In-Service Guided Missiles

Phil Watkins, *MBDA*

1000 – 1030 How Low should you go? - Asserting risks to be 'As Low As Reasonably Practical (ALARP)' in MOD Ordnance Munitions and Explosives (OME) Safety Cases

Mark Vincent MBE, *Defence Equipment & Support, WOC*

1030 – 1100 **Coffee**

1100 – 1130 Improved Calibration of Instrumentation for Monitoring of Electro-Explosive Devices

Andrew Chugg and **Andy Lambourne**, *MBDA UK Ltd*

1130 – 1200 Nanothermites

James Wilgeroth, *BAE Systems*

1200 – 1230 Use of Modelling & Trials to Characterise a Shaped Charge Jet Slug Trajectory & Range to Improve Safety in Firing of 40mm grenades.

Phil Church, *QinetiQ*

1230 – 1300 Plenary Discussion

1300 – 1400 **Lunch**

Chair: SSSG/Industry Partner tbc

1400 – 1430 HMS Vanguard (1910) – Wreck Survey and Lessons Learned

David Crofts, *Vanguard 100 Survey Team*

1430 – 1500 Regulating Safety Through the OME Life Cycle

Bob MacNaught, *Defence Safety Authority*

1500 – 1530 Next Generation Polymer Bonded Explosives

Andy Burn, *BAE Systems*

1530 – 1600 **Afternoon Tea**

1600 – 1630 Tactical Penetrator – A journey from concept to qualification

James MacMahon, *QinetiQ Fort Halstead*

1630 – 1700 Dynamic measurement of blast intrusion with 3D DIC

Tommaso Romano and **Dr Tim Williams**, *Simpact Engineering Ltd*

1700 – 1720 Plenary Discussion

1720 Closing Remarks **Richard Smart**