

# ***55<sup>th</sup> Annual Fuze Conference***

**May 24-26, 2011  
Grand America Hotel  
Salt Lake City, UT**

## May 25, 2011 - General Session (AM)

### Session I

- 8:00** Introduction/Admin Remarks – Dr. Barry Neyer
- 8:05** A Soldier's Perspective – CSM Lance Lehr, USA

### Session II

**(Chair: Eric Roach, Asst: Dr. Barry Neyer)**

- 8:40** DTRA Overview – Danny Hayles
- 9:00** Navy S&T Strategy – Randall Cope
- 9:20** ~~Air Force S&T Strategy – Tim Tobik~~
- 9:40** Break
- 10:00** OSD Perspective/Fuze IPT – Charles Kelly
- 10:15** Joint Fuze Technology Program – Lawrence Fan
- 10:30** Army Safety Approval Process – Chris Janow
- 11:00** Navy Safety Approval Process – Gabe Soto
- 11:30** Air Force Safety Approval Process – Matt Bridge
- 11:50** Harry Diamond Fuzing Excellence Award Ceremony
- 12:00** Lunch

**May 25, 2011 - OPEN Session (PM)****Session IIIA****(Chair: Ed Cooper, Asst: Dave Lawson)**

- 1:00** Use of Charge Based Programmable Logic... – R. Hubal
- 1:20** Evolving Requirements for the Use of Logic... – J. Hughes
- 1:40** 40mm MEMS Fuze Integration Update – C. Robinson
- 2:00** Ceramic Capacitor Failures & Lessons... – P. O'Malley
- 2:20** Enhanced Weapon Arming Safety by... – T. Harward
- 2:40** ~~Developments in Target Detection Device... – G. Buzzard~~
- 3:00** Break
- 3:20** Pyro-MEMS – R. Lafont
- 3:40** Universal Fuze Monitoring Test System – J. Koonts
- 4:00** Simple Optical Sensors for Firing Tests – M. Connolly
- 4:20** Scalable Software Evaluation Methodology... – J. Fornoff
- 4:40** FIPS 140-2 Tamper Detection to Protect... – J. Ambrose
- 5:00** Void Sensing Fuze Product (VSF)... – D. Spencer/Dr. Muthig
- 5:30** Grand Reception

**May 26, 2011 - OPEN Session (AM)****Session IVA****(Chair: Eric Roach, Asst: Lawrence Fan)**

- 8:00** Fuze Power – Quo Vadis? – H. Wich
- 8:20** New Data Recorder for Gun Launch and... – S. Pruitt
- 8:40** Smart Materials for Fuzing – Dr. D. Peairs
- 9:00** Generation and Measurement of Long... – S. Nau
- 9:20** Development of a new MEMS High-G Acc... – R. Kulls
- 9:40** OPEN
- 10:00** Break
- 10:20** Course Correction Fuze – Integration Tech... – M. Perrin
- 10:40** MK419 Mod 1 Multi-Function Fuze Prod... – R. Chapman
- 11:00** Fuze for Tiger Helicopter Rocket-Inductive... – M. Perrin
- 11:20** Multifunction Fuze Capability Against High... – J. Ring
- 11:40** ~~TDW's 2-inch Full Electronic Void Sens... – Dr. H. Muthig~~
- 12:00** Open Session Adjournment
- 12:05** Lunch