

2012 Insensitive Munitions & Energetic Materials Technology Symposium

May 14-17, 2012

Planet Hollywood Hotel

Las Vegas, NV

General & "A" Sessions

Tuesday, May 15 - Morning

General Session

- 8:00** Introduction/Admin Remarks – [Melissa Hobbs](#)
- 8:15** Keynote Address – [Captain J. Brent "SINBAD" McCraney, USAF](#)
- 8:45** Life Cycle Demilitarization Considerations ... – [Anthony Di Stasio](#)
- 9:05** Awards Presentations [1](#) [2](#)
- 9:20** **Poster Session Networking Break**

Session IA – Systems I (Chair: **David Olsen**)

- 10:20** Test and Characteristics of DLE-C054 in... – [Dr. Robert Hatch](#)
- 10:40** 81MM HE Mortar Cartridges M889A1, M889A2...– [Daniel Zaloga](#)
- 11:00** Insensitive Cast Plastic Bonded Explosive Sol... – [Philippe Chabir](#)
- 11:20** IMI 120 MM IM HE-MP Ammunition – [Eli Shachar](#)
- 11:40** 60/81 HE Mortar IM Enhancement Program – [Nicholas Baldwin](#)
- 12:00** **Lunch**

Tuesday, May 15 - Afternoon**Session 2A – Testing 1 (Chair: *Dr. Pierre-Francois Peron*)**

- 1:20** Predictive Modeling of LSGT Performance... – *Matt Hathaway*
- 1:40** Reactive Material Formulation Study... – *Nausheen Al-Shehab*
- 2:00** Removing Full-Scale Testing Barriers... – *Dr. Matthew Biss*
- 2:20** Active Passive Mitigation Devices S3... – *Dr. Michael Sharp*
- 2:40** ***Networking Break***

Session 3A – IM Technologies 1 (Chair: *Pierre Pelletier*)

- 3:00** FREEDM (Future Requirements of Enhan... – *Anthony Di Stasio*
- 3:20** A Novel Tuneable Effects Explosive... – *Dr. Eamon Colclough*
- 3:40** MSIAC Workshop on IM Technolo... – *Dr. Pierre-Francois Peron*
- 4:00** Characterization of Voids in an Insensitive... – *Dr. Hongwei Qiu*
- 4:20** ***Networking Break***

Session 4A – Standardization 1 (Chair: *Patrick Lamy*)

- 4:40** Army Insensitive Munitions Board Review of... – *Dr. Brian Fuchs*
- 5:00** IM Technology Gap Workshop – Gun Prop... – *Emmanuel Schultz*
- 5:20** EDA Joint Project on Insensitive Munitions... – *Caroline Nguyen*
- 5:40** MSIAC IM Databases-Benefits of... – *Dr. Pierre-Francois Peron*
- 6:00** ***Sessions Adjourned***

Wednesday, May 16 - Morning

Session 5A - IM Technologies 2 (Chair: *Pierre-Olivier Vignaud*)

- 8:00** Sting Ray Torpedo-IM Warhead System Inser... – *Chuck Spencer*
- 8:20** Insensitive Munitions Packaging Technology – *Daniel Pudlak*
- 8:40** Solid Rocket Motor Venting Solutions – *Peter Cahill*
- 9:00** IM Tactical Rocket Motor Failure Mode... – *Raymond Coleno*
- 9:20** ***Poster Presentation Networking Break***

Session 6A – Systems 2 (Chair: *Philippe Chabin*)

- 10:20** Success in Venting Penetrator Warheads – *Stephen Kelley*
- 10:40** 40MM Enhanced Blast Insensitive Explosive... – *BS Chong*
- 11:00** New French IM GP Bombs: Development... – *Laurent Delrieu*
- 11:20** Testing of an IM Upgraded M430A1 40... – *Nausheen Al-Shehab*
- 11:40** Critical Energetic Materials Initiative – *David Olson*
- 12:00** ***Lunch***

Wednesday, May 16 - Afternoon**Session 7A - Formulations 2 (Chair: *Ken Graham*)**

- 1:30** Shaped Charge Jet Initiation Phenomena... – *Dr. Werner Arnold*
- 1:50** Reactive Material Candidates for Low Collateral... – *Jeff Widener*
- 2:10** Army Institute for Multi Scale Reactive Mod... – *Daniel Murphy*
- 2:30** Tube Testing for IM Assessment of the... – *Dr. Helmut Zöllner*
- 2:50** An EFP Impact in Comparison with the IM... – *Gert Scholtes*
- 3:10** ***Networking Break***

Session 8A – Propellants & Propulsion Formulations (Chair: *Elbert Caravaca*)

- 3:30** ECL – A new Propellant Technology has... – *Dr. Beat Vogelsanger*
- 3:50** Bringing IM Propellants Within Reach – *Tom Somerville*
- 4:10** ARDEC Igniters for Gun Systems – *Dr. Eugene Rozumov*
- 4:30** Improved IM Properties of an RDX/TPE Based... – *Wim de Klerk*
- 4:50** Scale-Up of the Insensitive Energetic... – *Dr. Thelma Manning*
- 5:10** ***Symposium Reception***

Thursday, May 17 - Morning**Session 9A – Propellants & Propulsion Systems (Chair: *Paul Braithwaite*)**

- 8:00** Follow-Up to Less Sensitive and “Green... – *Charles Wiehahn*
- 8:20** Development of Electrically Controlled... – *Dr. Kimberly Chung*
- 8:40** TBD
- 9:00** Impact Mitigation Approach for the 105MM Artillery... – *Tony Wey*
- 9:20** Characteristics of Propellant Bed Reaction... – *Brian Krzewinski*
- 9:40** ***Networking Break***

Session 10A – Standardization 2 (Chair: *Matt Beyard*)

- 10:00** A New Impulse for the French Murat Policy – *Patrick Lamy*
- 10:20** Instrumentation of Liquid Fuel Fires – *Kevin Ford*
- 10:40** Heat Flux and Thermal Response Measure... – *Dr. Jon Yagla*
- 11:00** The IM Ship: Design Considerations to Mitiga... – *Thomas Swierk*
- 11:20** Shaped Charge Jet Attacks: What Shaped... – *Yves Guengant*
- 11:40** ***Symposium Adjourned***

SUMMARY

- Electronic surveys will be sent to your email addresses immediately after this Conference
- Attendees will be sent a link to the proceedings within two weeks

**Please join us next year!
The 2013 IM&EM Symposium will be held
October 7-10 in San Diego
at the Loews Coronado Bay Hotel**