



On-Site Agenda

*International
Infantry
& Joint Services
Small Arms
Systems Annual
Symposium,
Exhibition
and
Firing Demonstration*

*“Meeting the Needs of
Our Joint Ground
Forces in the Fight
Against Terrorism and
Developing the Tools for
Future Combat”*

*Atlantic City
Convention Center
Atlantic City, NJ
Event # 5610
May 16-19, 2005*

CONFERENCE AGENDA

Monday, May 16, 2005

- 5 - 7 PM Registration
- 6 - 7:30 PM Opening Reception in Exhibit Hall (Hall A)

Tuesday, May 17, 2005

- 7 AM Registration & Continental Breakfast
- 7:45 AM Welcome and Administrative Remarks
Mr. Sam Campagna, Director, Operations, NDIA
Mr. Brian Berger, Chairman, Small Arms Section, Vice-President, SNC Technologies Corporation
National Anthem
- 8 AM Welcome Address
BG Paul Izzo, USA, PEO Ammunition (*Invited*)
- 8:30 AM Keynote Address
BGen William Cato, USMC, Commanding General, Marine Corps Systems Command
- 8:50 AM Topical Address
COL Mark Rider, USA, PMMAS
- 9:15 AM Lessons Learned - Industries' Response & Acquisitions' Real Needs
Moderator:
Mr. Dave Broden, Broden Resource Solutions & Alliant Techsystems
Panelists:
Mr. Kevin Brown, Colt Defense
Mr. Peter Simon, Heckler & Koch, USA
Mr. Jean-Louis Vanderstraaten, FN Manufacturing, Inc.
Ms. Karen Davies, ATK, Ammunition Systems, Lake City
Mr. Michael Hockenberger, PGM Corporation
- 10 AM Break in Exhibit Hall
- 10:30 AM Joint Service Small Arms Synchronization Team (JSSAST) - Panel
Moderator:
COL Scott Crizer, USA, Chairman, JSSAST
Panelists:
COL Chuck Durr, USA, US Army Representative
COL Mike Smith, USA, PM Soldier Weapons
CAPT Rowland Huss, USN, US SOCOM Representative
LtCol Rick Adams, USMC, US Marine Corps Representative
Lt Col Doug Miller, USAF, US Air Force Representative
CDR Rick Button, USCG, US Coast Guard Representative
Mr. Jerry Gaskill, US Navy Representative
Mr. Kevin Swenson, Joint Non-Lethal Weapons Directorate
- 12 Noon Awards Luncheon
Chinn Award Presentation
Mr. Richard Audette, Chinn Award Recipient, 2005
Presented by Mr. Joel Goldman
Hathcock Award Presentation
Mr. Christopher P. Mitternight, Hathcock Award Recipient, 2005
Presented by Mr. Charles Buxton
- 1:30 - 5 PM Concurrent Sessions

CONFERENCE AGENDA

Tuesday, May 17, 2005 (Continued)

SMALL ARMS & INTERNATIONAL INFANTRY DUAL CONCURRENT SESSIONS

Session I: Ammunition

Session Chairman:

Mr. Dennis Conway, US Army - ARDEC, Picatinny

1:30 PM Terminal Effects of New Small Arms Ammunition
Mr. John MacDougall, SNC Technologies Inc., SIMU-
NITION

1:50 PM One Solution for Lightweight Cartridge Cases for
Small Arms Ammunition
Dr. Robert Gagne, Mississippi Polymer Technologies, Inc.

2:10 PM Program Manager-Maneuver Ammunition Systems
(PA-MAS) Small Caliber Ammunition Program Sup-
port at US Army Research Laboratory
Dr. James F. Newill, US Army Research Laboratory

2:30 PM Cost-Reducing Material for 40mm Practice Cartridges
Mr. James Grassi, US Army - ARDEC, Picatinny

2:50 PM Qualification and Fielding of 12 Gauge and 40mm
Airburst Warning Munitions for Joint Military
Services
Mr. Dennis W. Stanton, NSWG, Crane

3:10 PM **BREAK IN EXHIBIT HALL**

3:50 PM Providing Intelligence Assesses Below
the Battalion Level
Mr. Larry D. Cozine, Martin Electronics, Inc.

4:10 PM Lethality 101
Mr. Shawn Spickert-Fulton, US Army - ARDEC

4:30 PM New Developments in Non-Toxic/Lead Free and
IR/Dim Tracer Ammunition
Mr. Thomas Mauritzon and Mr. Mart Pella, Nammo
Small Caliber Division

4:50 PM Lightweight High Performance Gun Barrels
Mr. Kris Christou, MER Corporation

5:10 PM **RECEPTION IN EXHIBIT HALL**

Session II: Mortars

Session Chairman:

MAJ Paul Shuler, USA, PM Mortar Weapons & Fire
Control

Mortars Overview
MAJ Paul Shuler, USA, PM Mortar Weapons & Fire
Control

Applying Six Sigma Principles to Implementation of
the PGMM Training Concept
Dr. Tony Pezzano, PM Mortar Systems

Mortar Ballistic Computer and Lightweight Hand
Held Mortar Ballistic Computer - Key Elements in
Linking Mortars to the Joint Fires Network
Mr. Tom Bradley, PM Mortar Systems

Lightweight Dismounted Mortar Weapon STO
Mr. Jose Santiago, US Army - ARDEC

Lightweight Composite Monopack for 120mm
Mortar Ammunition
Mr. Yuen H. Lam, US Army - ARDEC

120mm Mortar Weapons System Accuracy Analysis,
a Six Sigma Black Belt Project
Mr. Efthimios Papayianis, US Army - ARDEC

Mortar Weapon Systems Sustainment Improvement
Programs
Mr. S. Mozesen, US Army - ARDEC

Enhanced Live Fire Mortar Training Using the 60mm
M769 Full Range
Mr. Jason Surmanek, US Army - ARDEC

CONFERENCE AGENDA

Wednesday, May 18, 2005

- 7 AM Registration and Continental Breakfast
- 7:50 AM Administrative Remarks
- 8 AM Theme Address
Mr. George Solhan, SES, Office of Naval Research
- 8:30 AM Soldier Lethality and Wound Ballistics from a Swedish Perspective
Mr. Per Arvidsson, FMV, Sweden
- 9 AM Soldier Weapons - Panel
COL Michael Smith, USA, PM Soldier Weapons
- 10 AM Break in Exhibit Hall
- 10:30 AM The National Center for Small Arms and CSAP - Panel
Panelists:
Mr. Jean-Louis Vanderstraaton, FN Manufacturing, Inc.
Mr. Darrold Griffin, Engineering & Management Executives
Mr. Frank Puzycki, US Army - ARDEC
- 11:45 AM NDIA Armament Division Status Overview
Mr. Dave Broden, Chairman, Armaments Division, NDIA
- 12 - 1:30 PM NDIA Award Luncheon
Professional Services Award Recipients:
LTC Matthew Clarke, USA
LTC Rob Carpenter, USA
COL Michael Smith, USA, PEO Soldier
Mr. Salvatore Fanelli, Heckler & Kock, Inc.
Mr. Marvin Maule, Aberdeen Test Center
Mr. Jim Schatz, Heckler & Kock, Inc.
Presented by: Mr. Brian Berger, SNC Technologies
- Hon Les Brownlee, Gold Medal Award Recipient***
Presented by: Lt Gen Lawrence P. Farrell, USAF (Ret),
President & CEO, NDIA
- Luncheon Address:
"A Bold Initiative: Colonel Miles and The Lee Magazine Rifle in 1879"
Dr. Stephen C. Small, JSSAP
- 1:30 - 6 PM Concurrent Sessions

CONFERENCE AGENDA

Wednesday, May 18, 2005 (Continued)

SMALL ARMS & INTERNATIONAL INFANTRY DUAL CONCURRENT SESSIONS

Small Arms Session

Session III:

Joint Service Small Arms Program (JSSAP) Update

Session Chairman:

Mr. Joel M. Goldman, Chief, JSSAP Office, US Army - ARDEC, Picatinny

- 1:30 PM Application of the Joint Capabilities Integration and Development System
Ms. Liliana M. McShea, US Army - ARDEC, Picatinny
- 1:50 PM MOUT and Non-Lethal Weapons in NATO
Mr. Robert M. Pizzola, US Army - ARDEC, Picatinny
- 2:10 PM Component Technology Investigations for Light Machine Gun Applications
Mr. Lucian M. Sadowski, US Army - ARDEC
- 2:30 PM Lightweight Weapons and Ammunition - the "Clean Slate" Update
Ms. Kori Spiegel, US Army - ARDEC, JSSAP
- 2:50 PM Caseless Ammunition & Advances in the Characterization of High Ignition Temperature Propellant (HITP) for Small Arms Caseless Ammunition
Ms. Patricia O'Reilly, US Army - ARDEC

3:10 PM

BREAK IN EXHIBIT HALL

- 3:40 PM XM109 Anti-Material Payload Rifle
Mr. Neil E. Lee, US Army - ARDEC
- 4:00 PM Development of the KRISS .45 Caliber Machine Pistol: A Novel Approach
Mr. Andrew E. Finn, Gamma/Transformational Defense Industries

Session IV: Soldier System Interoperability

Session Chairman:

Mr. Vernon E. Shisler, US Army - ARDEC, Picatinny

- 4:20 PM Soldier System in NATO
Mr. Vernon E. Shisler, US Army - ARDEC, Picatinny
- 4:40 PM Integration and Interoperability Issues for Dismounted Soldier System NATO Research Development and Technology Agency SCI-P130 Exploratory Team Members
Mr. Jason Panak

- 5:00 PM Marine Expeditionary Rifle Squad
Mr. Dave Hansen, USMC - Quantico

- 5:20 PM Future Force Warrior Lethality Update
Mr. John Edwards, US Army - ARDEC

5:40 PM

6:00 PM

International Infantry Session

Session V: International Armaments Cooperation & Foreign Comparative Testing

Part I: International Armaments Cooperation Session Chairman

COL Michael G. Padgett, USA, International Technology Center

- Army's Initiatives to promote International Armaments Cooperation
COL Michael G. Padgett, USA, International Technology Center
- US/German Science and Technology Cooperation
Mr. Holger Mundt, German Head LNO to US
- The Challenges of Urban Warfare
COL Yoav Zacks, R&D Attaché, Embassy of Israel

NATO Allied Ordnance Publication (AOP-6)

Mr. Victor Charles, US Army - Picatinny

Part II: Foreign Comparative Testing Programs Session Chairman

- Mr. Al Trawinski, Army FCT/DAC Program Manager
- Swiss Nitrochemie Mortar Propellant and Extruded-impregnated Mortar Ignition Cartridge, and Austrian KAGO Celluloid Mortar Increment Container
Mr. Wayne Miller, US Army - ARDEC

40 mm Tactical Marker

Ms. Kelly Shuttleworth

40mm Low Velocity Day/Night Training Cartridges

Mr. Percy Mistry, US Army - ARDEC

FCT & SOCOM Shoulder Fired Weapons

Mr. Keith Martin, US Army - ARDEC, Picatinny

Session VI: Non-Lethal Systems

Session Chairman:

Mr. Kevin Wong, PM CCS

Mk19 Short Range Non-Lethal Munition Development

Mr. Gregory M. Bubniak, US Army - ARDEC

Individual Serviceman Non-Lethal System

Mr. Jeremy D. McLain, US Army - ARDEC

Military Application of Electro-Stun Devices

Mr. Azamat Villar, US Army - ARDEC

Army's Search for an Economical Device for Stun Grenade Training

Mr. Fred Fitzsimmons, Camber Corporation

ADJOURN FOR THE DAY

CONFERENCE AGENDA

Thursday, May 19, 2005

7 AM Registration and Continental Breakfast

7:30 AM Administrative Remarks

7:40 AM
- 11:10 AM Concurrent Sessions

SMALL ARMS & INTERNATIONAL INFANTRY DUAL CONCURRENT SESSIONS

Session VII:

Fire Control, Sensors and Other Ancillary Devices

Session Chairman:

Mr. Charles Buxton, NSWG, Crane

Session VIII:

Weapons and Ammunition

Session Chairman:

Mr. James Zoll, US Army - ARDEC, Picatinny

7:40 AM Fire Control for Individual and Crew Served Weapons
Mr. Robert J. Coleman, Jr., L-3 Communications, Brashear Div.

Remote Operated Small Arms Mount
Mr. Nigel Wasil, NSWG, Crane

8:00 AM Sensor Fusion for Small Arms Assessment
Mr. John Edwards, US Army - ARDEC, Picatinny

40mm Family of Ammunition Improvement Programs
Mr. Art Pizza, US Army - ARDEC

8:20 AM Weapon Shot Counter
Mr. Darin Ashley, NSWG, Crane

MK93 Integrated 66mm Smoke Obscurant System
Mrs. Dawn M. Hoffa, NSWG, Crane

8:40 AM Miniature Day/Night Sight Development
Ms. Barry Gatewood, NSWG

The Oto Melara HITROLE 7,62-12,7 mm Remote Overhead, Light Electrical Turret

Dr. Alessandro Pollastrini, OTO MELARA S.p.A.

9:00 AM SOPMOD Program Overview
Mr. Gus Taylor, NSWG, Crane

SWORDS: Lightweight Remote Weapon Systems
Mr. Anthony Sebasto, US Army - ARDEC

9:20 AM **BREAK**

Session IX: Individual Weapons

Session Chairman: Mr. George Kontis, P.E., Heckler & Koch, Inc.

9:30 AM SOF Combat Assault Rifle
Mr. Troy L. Smith, NSWG, Crane

9:50 AM MPRS - Multi-Purpose Rifle System: A Powerful Force Multiplier in Urban Warfare
Mr. Alon Guttel, Israel Military Industries, Ltd.

10:10 AM The Modular Combat Shotgun
Mr. Ed Schoppman, Remington Arms Company, Inc.

10:30 AM Beretta's PX4
Mr. Phil Degaris, Beretta USA

10:50 AM 40mm Air Bursting Munition System (ABMS) and Super Lightweight Automatic Grenade Launcher (SLWAGL)
Mr. Aw Cheng Hok, Singapore Technologies Kinetics

11:10 AM Closing Remarks and Adjournment
Board Buses for Travel to Ft. Dix for Lunch and Firing Demonstration

1:30 PM Boxed Lunch - Range 59C, Ft. Dix

1:30 PM *Session X: US Air Force and Contractor Firing Demonstration*
Session Chairman: Mr. Salvatore Fanelli, Heckler & Koch, Inc.

3:30 PM Buses return to Convention Center



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