	MONDAY, AUGUST 24				
8 AM – 5 PM	Registration, Conference Center Lobby				
8 AM – Noon	Exhibitor Move-In, Coquina and Mediterranean Ballroom Salon 6 – 8				
8 AM – 2 PM	Classified Session on Improvised Explosive Device (IED) Defeat at Shades of Green® Resort				
3 – 5 PM	Opening General Session, Mediterranean Ballroom Salon 1 – 5				
6:30 – 8 PM	Opening Reception, Coquina and Mediterranean Ballroom Salon 6 – 8				
	TUESDAY, AUGUST 25				
7 – 7:45 AM	Continental Breakfast				
	Palazzo Ballroom Salon A - C	Palazzo Ballroom Salon D	Palazzo Ballroom Salon E	Palazzo Ballroom Salon F - H	Ritz-Carlton Ballroom Salon I - II
8 – 10 AM	1. Munitions Constituents – Multi-Increment Sampling Session Chair – Brad McCowan ♦ Munitions Constituents Results from 350+ FUDS MMRP Site Inspections – *Deborah Walker* ♦ Politics Aside, Multi-Incremental Sampling (MIS) Generates Data for DoD Decisions – *Cheryl Groenjes* ♦ Performing MIS Sampling to Depth at Fort Shafter, Hawaii – *Gene Barber* ♦ Development of Decision Units for MIS Sampling – *Mary Franquemont* ♦ USACE Multi-Increment Sampling Guidance for the MMRP – *Deborah Walker*	2. Munitions Response – Electromagnetic Induction (EMI) Instruments Session Chair – Katherine Kaye ♦ Characteristics of Advanced EMI Systems and Commercial Development – *David George* ♦ Exploiting EMI Signals During Active Transmission – *G. Schultz* ♦ Next Generation EMI Array for Detection and Discrimination of UXO – *Stephen Billings* ♦ Comparison of EM61-MK2 and TM-5emu Electromagnetic Technologies in Magnetic Soils – *Debra Edwards* ♦ The Zonge Dynamic NanoTEM – Next Generation Multi-Component UXO Detection – *Todd Meglich*	3. Munitions Response – Risk Management Session Chair – Scott Hill ♦ Incidents Involving Ordnance Associated with Military Munitions Response Sites – *James Manthey* ♦ Munitions and Explosives of Concern Hazard Assessment (MEC HA) Methodology – *Doug Maddox* ♦ EPA's MEC Hazard Assessment Tool Applied to Redevelopment Areas – *Chad Webb* ♦ Interim Risk Management: Protecting the Public Between SI and Cleanup – *Jeffrey R. Swanson* ♦ Strategies to Get to RIP/RC on Munitions Response Sites – *Christopher Evans*	4. Product Manager – Countermine and Explosive Ordnance Disposal (EOD) Overview Session Chair – Richard Weaver & Jeff Purdy ♦ Overview Brief – *Jeff Purdy* ♦ Night Vision Electronic Sensors Directorate (NVESD) Overview – *Richard Weaver* ♦ Night Vision Electronic Sensors Directorate (NVESD) Modeling – *Terilee Hanshaw* ♦ Technology Challenges within Mine Detection Sensors – *John Hegle*	5. Range Sustainment – Modeling Session Chair – Bonnie Packer ♦ Range Sustainment Overview – *Bonnie Packer* ♦ Modeling the Outdoor Dissolution of High Explosives – *Susan Taylor* ♦ Surface Water Screening-Level Methods for Assessing Marine Corps Operational Ranges – *Julie Dobschuetz* ♦ Groundwater Evaluation Process for the USMC's REVA Program – *Julie Dobschuetz* ♦ Quantifying Munitions Constituents (MC) Loading Rates at Operational Ranges – *Michael Madl*
10 – 10:20 AM	Break				
10:30 AM – Noon	6. Munitions Response Overview Session Chair – Joseph Murphy ♦ Munitions Update – *J.C. King* ♦ USAEC UXO Technology to Support Range Modernization and MMRP – *Bonnie Packer* ♦ Army MMRP Overview & Discussion – *Mary Ellen Maly* ♦ ESTCP Munitions Response Initiatives – *Herb Nelson*	7. Robotic Range Clearance Prize Competition Session Chair – Ellen Purdy This session will discuss the Cash Prize Competition. The purpose of the competition is to quickly tap into the innovation and ingenuity of the commercial robotic technology sector to improve the efficiency, safety and effectiveness of range clearing operations. Issues addressed will include how range clearance is currently conducted, how robotics can be applied to range clearance tasks, eligibility to participate in the competition and how the outcome contributes to the selection of a follow-on contract.	8. Range Sustainment – Green Session Chair – Jill Reilly-Hauck ♦ Open Burn/Open Detonation Area Munitions' Constituent Management – *Gene Fabian* ♦ Recent Developments in Environmentally Sustainable Energetic Materials – *Noah Lieb* ♦ Wear-Tolerant Vegetation for Military Training Lands – *Tony Palazzo* ♦ Green Range Impact Area (GR-IA) – *George McAllister*	9. Munitions Response – Detection in Magnetic Environments Session Chair – Barry Roberts ♦ Improved UXO Detection in Magnetic Environments Through Linear Feature Analysis – *Richard Krahenbuhl* ♦ Enhancement of UXO Magnetic Data Using Stable Downward Continuation – *Yaoguo Li* ♦ Automatic Detection of Magnetic UXO Anomalies in Noisy Environments – *Kristofer Davis* ♦ Modeling and Inversion of EMI Data Collected Over Magnetic Soils – *Len Pasion*	10. Munitions Response – Case Studies Session Chair – Christopher Evans ♦ Sub-Munitions Clearance Case Study, Former Naval Training Range, Puerto Rico – *Tim Garretson* ♦ MEC Characterization OD Pits RCRA Closure Project at Camp Navajo, Arizona – *Bill Myer* ♦ Complexities of UXO Remediation of Former Ammunition Storage Sites – *Mark Latimer* ♦ Economic Conveyance of Former Multi-Use Ranges for Commercial Development – *Margaret Stemper*
Noon – 1:30 PM	Luncheon, Mediterranean Ballroom Salon 1 – 5				
1:30 – 3 PM	11. Munitions Response – Removal Session Chair – Brendan Slater ♦ Magnetic Unexploded Ordnance Recovery System (MURS) – *Bill Lewis* ♦ Surf City, New Jersey Non-TCRA, Post-Beach Replenishment DMM Removal – *Jeffrey Brewer* ♦ Remote-Operated UXO Removal Support for Range MILCON – *Gene Fabian* ♦ UXO Clearance Utilizing Heavy Sifting Equipment at Camp Pendleton – *Daniel Skrobialowski*	12. Range Sustainment Session Chair – George Robitaille ♦ Semi-Autonomous and Tele-Operated Robotic Platforms, Future of MEC Geophysical Surveys – *Bob Selfridge* ♦ UXO Technology Implementation – *Bonnie Packer* ♦ Munitions Debris Swadger Process – *William Ingold* ♦ Alternative Live Fire Ground Target (ALFGT) for Navy Bombing Ranges – *Joey Trotsky*	13. Munitions Response – Magnetometer and Electromagnetic Induction (EMI) Sensor Development Session Chair – Victoria Kantsios ♦ Commercialization of Miniature Atomic Magnetometers – *M. Prouty* ♦ Improved Magnetic STAR Technology for Localization and Classification of UXO – *Roy Wiegert* ♦ Simplified Combined EMI and Magnetometer System for UXO Detection – *Robert Siegel* ♦ An EMI System to Locally Interrogate and Characterize Buried Objects – *Bruce Barrow*	14. Explosive Ordnance Disposal (EOD) Session Chair – Arnold Burr ♦ Enhanced Blast Effect Hazards from Explosions Near Walls, Corners, Corridors – *Aris Makris* ♦ The Tool Selection Aid and Transitioning of the M&S Capability – *Lee Foltz* ♦ Numerical Modeling for EOD Applications – *Catherine Nolan* ♦ UAS in Support of the EOD Mission – *Joseph Chotkowski*	15. Improvised Explosive Device (IED) Technology Session Chair – Valter Ezerins ♦ Effectiveness of Laser Neutralization Technology – *John Schiavone* ♦ Use of Portable Abrasive Water Cutting for IED Defeat – *Harley Heaton* ♦ Field Results of TEPS-Raman Explosive Detection System (TREDS-2) – *Robert Waterbury* ♦ Autonomous or Robotically Operated IED Detection (AROID) – *Robert Pickett*
3 – 3:20 PM	Break				
3:30 – 5 PM	16. Munitions Response – Robotics and Platforms Session Chair – Bonnie Packer ♦ A Robot-Mounted EMI System for Identification of UXO-Free Corridor – *Lloyd Riggs* ♦ Tracking a UXO Cart by Monitoring Its EM Field – *Keith Leslie* ♦ Self-Guiding Robotic System Surveying and Comparison to Traditional Survey Methods – *Nathan Harrison* ♦ Robotic Shallow Water UXO Clearance – *Bill Lewis*	17. Joint Service Explosive Ordnance Disposal (EOD) Overview Session Chair – Chris O'Donnell ♦ Individual Service EOD Force Structure and Mission Update Navy – *Chris O'Donnell* ♦ Individual Service EOD Force Structure and Mission Update Marine – *Michael Todd* ♦ Individual Service EOD Force Structure and Mission Update Army – *Bob Bender* ♦ Individual Service EOD Force Structure and Mission Update Air Force – *Matthew Gebstadt* ♦ JSEOD Policy Agreement Update – *Chris O'Donnell*	18. Munitions Response – Advanced Electromagnetic Induction (EMI) Sensors Session Chair – Herb Nelson ♦ Time-Domain EMI Sensor Systems for Buried Object Classification – *Daniel Steinhurst* ♦ ALLTEM UXO Classification and Discrimination Results from 2009 YPG Data – *Ted Asch* ♦ Testing of the MetalMapper™: An Advanced EMI Ordnance Detector – *Donald D. Snyder* ♦ MPV Multi-Object Data Inversion and Clutter Suppression Techniques – *Ben Barrowes*	19. Humanitarian Demining Session Chair – Zeke Topolosky ♦ Vieques, Puerto Rico Evaluations of Robotic Vegetation Clearance – *John Wetzel* ♦ Most Promising Landmine Neutralization Systems for Buried Mines – *Divyakant Patel* ♦ Simple Metal Detector Model to Predict Probability of Detection – *Yann Yvinec* ♦ Detection and Chemistry of World War II Landmines: Implications on Area Reduction – *Martin Jebens*	20. Munitions Response – Alternatives to Geophysical Prove-Outs (GPOs) Session Chair – Brent Knoblett ♦ Geophysical System Verification (GSV) – A Physics-Based Approach – *Tamir Klaff* ♦ Target Signal Response Curves – *Nagi Khadr* ♦ Commercial Application of the Physics-Based Test Strip and Seeding Approach – *Ryan Steigerwalt* ♦ Evaluation of TDEM and Magnetic Anomaly Characteristics (Inert and Surrogates) – *Timothy Deignan*

	WEDNESDAY, AUGUST 26				
7 – 7:45 AM	Continental Breakfast				
	Palazzo Ballroom Salon A - C	Palazzo Ballroom Salon D	Palazzo Ballroom Salon E	Palazzo Ballroom Salon F - H	Ritz-Carlton Ballroom Salon I - II
8 – 10 AM	21. Countermine Session Chair – Peter Howard ♦ Forward Looking Radar for Countermine Application – *Tuan Ton* ♦ Inadvertent Actuation of Magnetic Fuzes – *David Heberlein* ♦ Physics-Based Context Identification of Ground Penetrating Radar Data – *Christopher Ratto* ♦ Optical Cues for Landmine Detection – *James Staszewski*	22. Office of the Secretary of Defense (OSD) Robotics Overview Session Chair – Ellen Purdy ♦ SafePath UGV Countermine Toolkit for Autonomously Marking Safe Paths – *Michael Fleming* ♦ Autonomous Mine Detection System – *Eloisa Lara* ♦ Detecting EFPs During Road Clearance Ops: An Integrated Robotic Approach – *Robert Douglas* ♦ Robotic Systems Demonstration for the Army's Range Modernization Program – *Gene Fabian* ♦ MV4B Remote Mine Clearing Vehicle and the Engineer Small Robot – *Nancy Saxon* ♦ Info Exchange Between Independently-Developed Heterogeneous Products – *Chad Trytten*	23. Determining Explosive Hazards Session Chair – Mark Prouty ♦ X-ray Fluorescence: A Screening Technology with Application for Munitions Projects – *Susan Burtnett* ♦ Inspection Criteria for Material Potentially Presenting an Explosive Hazard – *Brian Helmlinger* ♦ Planning the Recovery of Arsine Filled Munitions – *Daniel Noble* ♦ Destruction of UXO Using Heated Total Containment Vessels – *John Stine* ♦ Case Study: Remote Thermal Decontamination of an AP Specialty Mixer – *William Ingold*	24. Special Topics Session Chair – Dan Michael ♦ For As Clean As Reasonably Achievable Ocean (ACARA Ocean) – *Koichi Hayashi* ♦ Concept of Floating Mobile Detonation System of Sea Dumped Munitions – *Koichi Hayashi*	25. Munitions Response – Detection Challenges Session Chair – Bill Veith ♦ Smart Anomaly Selections, Getting the Most Out of Geophysical Data – *Andrew Schwartz* ♦ Analysis of Variables for Detection of MEC in Diverse Environments – *Harry Wagner* ♦ Digital Geophysical Mapping for Residential Quality Assurance – *Matthew Gifford* ♦ Chasing Red Dirt: Evolving Detection Solutions to Hawaiian Ground Mineralization – *Benjamin Konshak*
10 – 10:20 AM	Break				
10:30 AM – Noon	26. Countermine Session Chair – Hugh Carr ♦ Metal Detector Performance Comparison – *Jay Marble* ♦ Landmine Detection and Discrimination Using Fused EMI and GPR Sensors – *Leslie Collins* ♦ Explosive Detection and Marking from an Extendable Boom – *John Wetzel* ♦ Semi-Autonomous Robotic Mine Detection and Marking System – *Bob Quinn*	27. Munitions Response – Case Studies Session Chair – Tony Dunay ♦ Picatinny Arsenal: A True Story in Public Relations – *Clint Henker* ♦ Cause and Effect: Changing MRS Interpretations and MMRP RI Impacts – *Denise Tegtmeyer* ♦ Munitions Response in Support of BRAC Construction on Fort Belvoir, Virginia – *Timothy Holland* ♦ MEC Investigation, Coordination, Information and Patience – *Al Larkins*	28. Special Topics Session Chair – Jim Putnam ♦ Project Planning Aids in Former Impact Area Record of Decision – *Bethany Flynn* ♦ Residential Quality Assurance (RQA) Approach for MEC Remediation – *Christopher Spill* ♦ Damned if You Do and Damned if You Don't: A 40mm Range Story – *Thomas Davidson* ♦ Development of NEPA Categorical Exclusions to Support Range Construction, Maneuver Area Improvement and the Army Test and Evaluation Mission – *Jill Reilly-Hauck*	29. Explosive Ordnance Disposal (EOD) Session Chair – Eric Hoffman ♦ Multiple UXO Neutralization System Analysis of Alternatives – *Thomas Douglas* ♦ High Energy Laser Effects on Insensitive Munitions – *Ashley Archibald* ♦ Advanced Ordnance Locator – *Arnold Burr* ♦ Comparison and Characterization Testing of Prototype Disrupter Projectiles – *Bhargav Patel*	30. Munitions Response – Electromagnetic Induction (EMI) Processing 1 Session Chair – Tamir Klaff ♦ Enhancement of Transient Electromagnetic Data Using Principal Component Analysis – *M. Andy Kass* ♦ Assessing the Value of Data Using Two Information-Theoretic Frameworks – *Jeremiah Remus* ♦ Rapid Depth Estimation from Electromagnetic Induction Arrays for Buried Ordnance – *Jonathan Miller* ♦ Determining Equivalent Dipole Number by Information Theoretic Criteria – *Lin-Ping Song*
Noon – 1:30 PM	Luncheon, Mediterranean Ballroom Salon 1 – 5				
1:30 – 3 PM	31. Range Sustainment – Technology Transfer Session Chair – Dennis Teefy ♦ The Range Clearance Tool (RCT): An RMTK Add-On Application – *Les Clarke* ♦ USAEC's Sustainable Range/UXO Technology Team – *Jill Reilly-Hauck* ♦ EODT's RangeXChange Range Sustainment Program – *Matt Hughs* ♦ Impacts to Army Training Ranges from Pb NAAQS Revision – *Sharon Chen*	32. Munitions Response – Case Study in the Underwater Environment Session Chair – Dick Wright ♦ Sea Disposal of Military Munitions – Historical Review and Documentation – *Rick Cox* ♦ Hawai'i Undersea Military Munitions Assessment Update – *Erika Brandenburg* ♦ Dredging in Sediment Containing MEC – *Clint J. Henker* ♦ Miami River Dredging Operation: A Study in Teamwork – *Jeffrey Brewer*	33. Munitions Response – Site Characterization Using Transect Surveys Session Chair – Heather Polinsky ♦ Ideas on What MEC Characterization Really Means – *Bill Veith* ♦ New Target Detection, Delineation, and Density Estimation Functions in VSP – *Brent Pulsipher* ♦ Testing the Significance of Transect Design on Target Area Identification – *Barry Roberts* ♦ An Example VSP Approach with High Background Anomaly Density – *Steve Stacy*	34. Office of the Secretary of Defense (OSD) Humanitarian Demining Program Session Chair – Leo Bradley ♦ OSD Humanitarian Demining Program Overview – *Leo Bradley* ♦ Ensuring Safety and Rebuilding Communities: US Humanitarian Demining R&D Program – *Sean Burke* ♦ Handheld Standoff Mine Detection System (HSTAMIDS) Operational Field Evaluations, Cambodia – *Roger Cresci* ♦ Explosive Harvesting System – *Roger Hess*	35. Munitions Response – Electromagnetic Induction (EMI) Processing 2 Session Chair – Jeff Waugh ♦ Statistical Approximations for Quantifying Uncertainty in UXO Discrimination – *Levi Kennedy* ♦ Robust Inversion for UXO Discrimination – *Laurens Beran* ♦ Model Inversion Strategies for Multi-Axis Time-Domain EMI Data – *Stacy L. Tantum* ♦ Classification Using Electromagnetic Induction Sensors – *Jonathan Miller*
3 – 3:20 PM	Break				
3:30 – 5 PM	36. Geophysical System Verification – Alternative to Geophysical Prove-Outs (GPOs) Session Chair – Herb Nelson ♦ SERDP and ESTCP will present a short course to highlight a more rigorous physics-based alternative to geophysical proveouts (GPOs): Geophysical System Verification (GSV) Separate registration and $25 fee required through https://payments.serdp-estcp.org/workshops/gsv	37. Munitions Response – Research and Development for the Underwater Environment Session Chair – Jack Foley ♦ High Accuracy Positioning and Navigation for Underwater MEC Operations – *Andrew Schwartz* ♦ Total-Field and SQUID Magnetometer Sensors for Underwater UXO Detection – *Chet Bassani* ♦ Utilizing Autonomous Underwater Vehicles for Marine Ordnance Characterization – *Gregory Schultz* ♦ Detection of Underwater UXO Using Resonance Scattered Sonar – *Roland Gritto*	38. Munitions Response – Airborne Geophysics Session Chair – Geoffrey Carton ♦ Performance of TEM-8 Airborne Electromagnetic System for UXO Detection – *William Doll* ♦ Predicting Metallic Debris Density from Airborne Magnetometry – *Jeffrey Gamey* ♦ Airborne Magnetometer Surveys – Vieques, Puerto Rico – *Tamir Klaff* ♦ Advances in Helicopter Borne Magnetometer Systems for Wide-Area Assessment – *David Wright*	39. Explosive Ordnance Disposal (EOD) Session Chair – Jennifer McKee ♦ Overview of the NAVEODTECHDIV EOD Robotics Science and Technology Program – *Angel Gill* ♦ Continuous Improvement Program for the Man Transportable Robotic System – *Todd Zimmerman* ♦ Upgrading EOD Tools: Current Research and Development Projects – *Naomi Zirkind* ♦ Applications of Autonomy to EOD Robotics – *Michael Del Signore*	40. Munitions Response – Electromagnetic Induction (EMI) Processing 3 Session Chair – Brian Helmlinger ♦ Assessing EMI Sensors' Detection and Discrimination Performances in Underwater Environments – *Fridon Shubitidze* ♦ Estimating UXO Location and Orientation Via Forward Dipole Model Regression – *Jeremiah Remus* ♦ Inversion of Vehicle-Based EMI Data for Ordnance Detection and Discrimination – *Len Pasion* ♦ Advanced EMI Forward Models Applied to APG TEMTAD Data – *Fridon Shubitidze*
5:30 – 6:30 PM	Final Networking Event, Coquina and Mediterranean Ballroom Salon 6 – 8				

THURSDAY, AUGUST 27					
7 – 7:45 AM	Continental Breakfast				
1:30 – 5 PM	Exhibitor Move-Out, Coquina and Mediterranean Ballroom Salon 6 – 8				
	Palazzo Ballroom Salon A - C	Palazzo Ballroom Salon D	Palazzo Ballroom Salon E	Palazzo Ballroom Salon F - H	Ritz-Carlton Ballroom Salon I - II
8 – 10 AM	41. Munitions Response – Quality Considerations Session Chair – Yaoguo Li ♦ Refining Quality Assurance Processes Within the Military Munitions Response Program – *Kelly Enriquez* ♦ Quality Considerations for Munitions Response Projects – *Bill Harmon* ♦ The Utility of Independent Quality Assurance in Munitions Response – *Les Clarke* ♦ Case Study: Implementing the UFP QAPP on MR Projects – *Jim Pastorick* ♦ The UFP-QAPP – Your Partner in Planning Munitions and Range Investigation Projects – *Susan Burtnett*	42. Munitions Response – Community and Regulatory Session Chair – Carol Youkey ♦ "Dig It:" Community Perspectives on Munitions Response – *Lenny Siegel* ♦ EPA Perspectives on Munitions Response – *Douglas Maddox* ♦ EOD Team Mission Complete – Now What? – *Ken Vogler* ♦ Community Related Issues Associated with Privatized MEC Cleanup – *Stan Cook* ♦ Helena Valley Probabilistic Risk Assessment of MEC for Montana ARNG – *Paul Black*	43. Range Sustainment – Risk Assessment Session Chair – Charlie Valz ♦ Supporting Range Sustainability Through the Operational Range Assessment Program – *Susan Burtnett* ♦ Conceptual Site Model Development for MC Migration Studies – *Mike Ruckgaber* ♦ Multi-Increment Samples, Statistical Designs, and Hot-Spot Dilution – *John Hathaway* ♦ M115A2 and M116A1 Perchlorate Replacement Program: A Final Report – *Noah Lieb* ♦ USAEC Emissions Factors From Munitions Use – *Brooke Conway*	44. Munitions Response – Airborne Sensors for Wide Area Assessment Session Chair – Tim Alexander ♦ Techniques to Maximize Use of Historic Photography for MMRP FUDS – *Jeremy Gessaro* ♦ Improved Use of Historical Photography for FUDS Range Assessments – *Larry Tinney* ♦ Wide Area Assessment Cost-Benefit Analysis – Active Army MMRP – *Brian Helmlinger* ♦ Redneck Geophysics Meets Wide Area Assessment – *Jason Burcham* ♦ Methods to Increase the Usefulness of Lidar at Military Munitions Sites – *Dale Bennett*	45. Munitions Response – Classification Field Demonstrations 1 Session Chair – Jack Norris ♦ UXO Discrimination at Camp Sibert Using Linear Genetic Programming – *Frank Francone* ♦ Finding MEC in a Sea of Fragmentation – *Thomas Davidson* ♦ APG Standardized UXO Technology Demonstration Site Reconfiguration – *Dennis Teefy* ♦ A Decade of UXO Discrimination in Montana, Implications to QA – *Clifton Youmans* ♦ Looking Ahead – Classification Study at Former Camp San Luis Obispo – *Katherine Kaye*
10 – 10:20 AM	Break				
10:30 AM – Noon	46. Improvised Explosive Device (IED) Policy and Technology Session Chair – Chris O'Donnell ♦ Demonstration Plan for Personnel Borne Improvised Explosive Devices Detection Systems – *John-Arthur Taylor* ♦ Explosive Detection Equipment Program – *Melinda McPherson* ♦ Captured Enemy Ammunition/Coalition Munitions Clearance – Summary of Mission Success – *Brenda Hatley* ♦ Applying the KISS Principle to Explosive Hazard Detection – *John Hegle*	47. Range Sustainment Session Chair – Brooke Conway ♦ Seismic-Acoustic Impact Monitoring and Assessment (SAIMA) System – *Tom VanDeMark* ♦ Future Munitions: DRDC View Through RIGHTTRAC Project – *Sonia Thiboutot* ♦ NG/DNT Migration Measurements at Camp Edwards SAR, Cape Cod, Massachusetts – *Ian Osgerby* ♦ Demonstration and Validation of Multi-Increment® Sampling for Range Sustainability – *Chuck Tomljanovic*	48. Munitions Response – Case Study Session Chair – Dan Tompkins ♦ Pinecastle Jeep Range – Case Study TCRA and RI/FS Status – *Randal Curtis* ♦ TCRA/RIFS for Dilute Chemical Agent at Great Salt Plains – *Kim Meacham* ♦ Integrated Archive Research Approach to Close Historical Range Data Gaps – *Mark Albe* ♦ TCRA for South Beach and Little Neck at Martha's Vineyard – *Kim Meacham*	49. Evaluation and Planning Session Chair – Andy Schwartz ♦ Lessons Learned in QAQC for UXO Data Processing – *Elizabeth Baranyi* ♦ Unexploded Ordnance Detectability Unit – *George McAllister* ♦ Using Education to Reduce Risk at Military Munitions Response Sites – *Kim Churchil* ♦ Development of a 3D Database Viewer for Validation Quality Control – *Dwayne Ford*	50. Munitions Response – Classification Field Demonstrations 2 Session Chair – Michael Winningham ♦ Demonstration of Active Learning for UXO Classification – *Lawrence Carin* ♦ Classification of EMI Anomalies Using Figures of Merit – *Nicolas Lhomme* ♦ Using Linear Genetic Programming Based Discrimination, A Case Study – *Darrell Hall* ♦ Improvements to UXA-Size Based Target Classification Using Decay Values – *Steve Saville*
Noon – 2 PM	Conference Closing Luncheon, Mediterranean Ballroom Salon 1 – 5				

Current as of 9.2.2009