# **Call for Abstracts**



"HLW, TRU, LLW/ILW, Mixed, Hazardous Wastes and Environmental Management"

February 27 - March 3, 2005 Tucson, Arizona

Abstract Submission Deadline Tuesday, August 31, 2004

Additional topics and workshops are shown on the WM'05 homepage at <u>www.wmsym.org/wmsym</u>

Submit this form on-line when submitting your abstract. If mailing, please attach this form to the submitted abstract.

TITLE OF ABSTRACT:

AUTHORS:

Permission to publish on the WM'05 homepage (with access limited for Program Advisory Committee review purposes) \_\_\_\_\_ yes\_\_\_\_ no I understand that acceptance of this abstract for presentation requires an author provided draft paper for review by Nov 19, 2004, a Final Paper (in the prescribed format) and a Copyright form for <u>all</u> authors/co-authors by January 21, 2005. <u>If your paper is not presented at the conference or the Copyright forms are not submitted, your paper will not be published</u>. Please contact WM at +1-520-292-5652 if you do not receive an abstract identification number by email within five days of your abstract submission.

Topic #\_\_\_\_\_\_ (From topic list on homepage or from this document. If uncertain, use 11.1 ):

I prefer that this abstract be presented in a poster session \_\_\_\_ yes \_\_\_\_ no Have you communicated with a Topic Organizer \_\_\_\_ yes \_\_\_\_ no

If yes, for what Topic number and which Organizer? \_\_\_\_

#### (Please Type or Print)

Author who will receive all correspondence (Circle one): Mr.

. Ms.

Date Submitted

First Name:	M.I.:	Last Name/Family Name:	
Department:	Company Name:		
Mailing Address:		Mail Stop/Suite #/APT #:	
City:	State/Region:	Zip/Postal Code:	Country:
		<b>F</b>	
Phone: (Include Country Code)	Fax:(Include Country Code)	E-mail:	Alternate E-mail/2nd Contact



#### WM'05 will be held February 27 - March 4, 2005 at the Tucson Convention Center

Welcome to WM'05, the 31st Waste Management Symposium - the premier annual conference of the nuclear waste management industry! You are cordially invited to come and join us at this event.

The conference is organized by WM Symposia, Inc., an Arizona non-profit corporation and hosted by the University of Arizona. Sponsoring organizations include the American Nuclear Society, the American Society of Mechanical Engineers, New Mexico State University Waste-Management Education and Research Consortium (WERC) and OECD/ NEA. The conference is also organized in cooperation with the US Department of Energy (DOE), Nuclear Regulatory Commission (NRC), Environmental Protection Agency (EPA) and International Atomic Energy Agency (IAEA).

WM'05 will include papers describing research, development and operational experience over the complete spectrum of nuclear waste activities. Proposed topics are categorized into general tracks (see listing in this document). More detailed information on topics can be found at http://www.wmsym.org/wmsym. Tracks 2, 3, 4, 5 and 6 pertain to specific waste type issues. Topics that relate to several waste types are included in Tracks 1, 7, 8, 9 and 10. Session topics include both national and multinational subjects, unless stated otherwise. If the listed topics are too restrictive, submit the abstract under the main track numbers, 1.0-10.0. If you cannot place the abstract within tracks 1.0-10.0, then submit the abstract to track 11.1 (unassigned) and it will be assigned to one of the 10 tracks.

Abstracts are to be submitted online at www.wmsym.org. If you are unable to submit your abstract online, email it to abstracts@wmsym.org with the following: 1) the attached form, 2) a descriptive title that will reflect the paper and presentation content (define all acronyms), 3) a summary of the work conducted, problem history and your results, and 4) a brief description of the importance of the work (what problem it solves) and its application/benefit to others. **Faxes will not be accepted.** 

Abstracts are to be between **400 - 800 words** and must comply with the stated criteria. Results have shown that brief abstracts that fully and effectively convey the substance and its importance have the highest ranking. Background information irrelevant to an abstract's merit may dilute the substance and lower the ranking. The review criteria, "Abstract Rating Form", is posted on the website as a guide for authors, recognizing that not all criteria fit all abstracts. Insufficient information for the reviewers may result in session misplacement, lower ranking or abstract rejection.

Abstract Format: The abstract header should be flush left and show the name of the conference WM'05, the topic number, contact name, company, telephone, fax, and email. The paper title is to be centered, title case and two spaces below the header and all acronyms defined. Authors and their affiliations are to be typed one space below the paper title in title case. The text is to begin two spaces under the authors' names and all text thereafter is to be single-spaced. Upon acceptance, abstract titles and authors will be included in the, WM'05 Preliminary Program.

Whether submitting online or by email, 'one' author should be designated to represent the abstract, draft, final paper and copyright form for all authors. The designated author/contact will fill out information online and receive email correspondence related to the paper and the conference. If you do not receive a confirming email with an abstract number within five days of submission, please call +1-(520)-292-9080 to confirm abstract status.

Upon acceptance, abstracts will be made available on the WM website with restricted access given to Program Advisory Committee (PAC) members and organizers. Abstracts will not be placed on the WM website if the author objects and such objection will not influence the acceptance of the abstract.

The PAC will critically review and rank each abstract according to the acceptance criteria. Abstracts submitted after the due date or not meeting the acceptance criteria may not be approved for WM'05. Track Co-Chairs with the advice of the reviewers, will rank and assign <u>approved</u> abstracts to either an oral, poster, or workshop session. The criteria for determining conference placement are designed to assure that each abstract is ranked and assigned to the best Track/Session for its content, format and anticipated audience interaction.

Upon approval of the abstract, a complete draft paper must be submitted for review for both oral and poster presentations by November 19, 2004. Papers must be revised according to the reviewer's instructions and submitted with <u>all</u> copyright forms by <u>January 21, 2005</u>. Oral and poster papers will be published on CD-ROM and on the WM website. <u>Papers that are not revised as required by the reviewer, or not presented at the WM Conference, will not be published. Papers missing copyright forms from any authors and or co-authors will not be published.</u>

Submit you abstracts online at: www.wmsym.org/wmsym Or e-mail you abstract with the submission form to: abstracts@wmsym.org For technical questions, contact Gary Benda at: gbenda@wmsym.org or +1-(803)-345-2170 For non-technical questions, contact Donna McComb at: dmccomb@laser-options.com or +1-(520)-292-5652

#### 1 - CROSSCUTTING POLICIES & PROGRAMS (CPP)

Mark Matthews, USDOE-CAO V:+1-(505)-234-7467, mark.matthews@wipp.ws John Mathieson, UK Nirex Ltd. (UK), V: +44-(1235)-825-606, john.mathieson@nirex.co.uk Don Wood, GaeaTech Services, V:+1-(509)-375-3243, p53bhw@gocougs.wsu.edu

This track includes overall policy and program planning, development, integration, implementation and management issues. Presentations of waste management programs and policies at the national, multi-national and international level are particularly encouraged. Other potential crosscutting topics include regulatory issues, legal aspects, modeling, permitting (licensing) and compliance activities, criteria and standards development, privatization issues, technology deployment, legislation, US Price-Anderson Act, enforcement agency and state issues (including multiparty agreements), interface, security, and other crosscutting and thus specific to a single waste type (e.g., HLW, SNF, LLW, TRU, ILW, etc.) or program (e.g., ER, D&D, etc.) should be submitted to the specific Track for that waste type or program.

- 1.0 Crosscutting Policies & Programs Posters and Non-specified Abstracts:
- 1.1 Global Perspectives of Radioactive Waste Management Challenges and Solutions
- 1.2 WMS 05 Theme Session
- 1.3 Multinational Management Approaches
- 1.4 Simulation Modeling of Waste Management Systems
- 1.5 Radiological Dispersion Devices Response and Cleanup
- 1.6 US DOE Realignment Prepares the Way for Continued EM Progress
- 1.7 Learning from Legal Challenges
- 1.8 Update of Radioactive Waste Management Regulations
- 1.9 Basic Environmental Science Issues for D&D, Restoration and Long-Term Stewardship

#### 2 - HIGH-LEVEL WASTE (HLW) AND SPENT NUCLEAR FUEL (SNF)

Harry Babad, Consultant, V: +1-(509)-375-0328, hbabad@owt.com Leif Eriksson, Waste Control Specialists LLC. V: +1-(972)-448-1415, leriksson@valhi.net Elizabeth Saris, SAIC, V: +1-(301)-353-8332, sarise@saic.com

The high-level waste (HLW) and spent nuclear fuel (SNF) track encompasses the following topics: 1) All HLW and SNF operations from generation and storage through characterization, treatment and disposal; 2) Associated technology development and deployment; 3) International and domestic reprocessing strategies and technology; 4) Periodic progress updates oriented to specific DOE achievements in waste remediation and disposal activities, and 5) Overlapping issues including interim and final disposal strategies for HLW and SNF including associated environmental permitting and monitoring of stored waste, waste processing alternatives, waste form, disposal and operating facility performance and risk assessment, and the impacts of directly associated regulations and standards.

- 2.0 HLW and SNF Posters and Non-specified Abstracts
- 2.1 Accelerated DOE HLW Cleanup Global Technical Innovations
- 2.2 US DOE Yucca Mountain Update: HLW and SNF Disposal
- 2.3 New and Emerging High Level Waste and Spent Nuclear Fuel Treatment
- 2.4 Operating Experience in the Treatment and Storage of HLW and SNF
- 2.5 Vitrification Experience and Glass Characterization for HLW
- 2.6 Underground Research and Demonstration Facilities: An Update
- 2.7 Progress in Closure of High Level Waste Storage Tanks
- 2.8 SNF Reprocessing Alternatives and Issues for Generation IV Reactors
- 2.9 US DOE Yucca Mountain, Perspectives from Around the Mountain
- 2.10 US DOE High Level Waste Risk Reduction Project

#### 3 - LOW-LEVEL (LLW), INTERMEDIATE LEVEL (ILW), MIXED (MW) AND HAZARDOUS WASTE (HW)

- Lloyd McClure, Jacobs, V: +1-(509)-943-7280, lloyd.mcclure@jacobs.com
- Lance Mezga, Oak Ridge National Laboratory, V: +1-(865)-574-7258, mezgalj@ornl.gov Luis Valencia, FZK, V: +49-(7247)82-4050, luis.valencia@hdb.fzk.de

The LLW/ILW/MW/HW track encompasses: 1) Operations from generation through treatment and disposal; 2) Technology development, demonstration, and deployment; and 3) Overlapping issues including waste minimization, waste characterization and analysis, effluent monitoring, waste form and facility performance assessment, regulations and standards. 4) All types of facilities from hospitals, accelerators, research reactors, government facilities, disposal sites, etc.

- 3.0 LLW/ILW/MW/HW Posters and Non-specified Abstracts
- 3.1 Innovative Treatment Technologies for LLW/ILW/MW/HW
- 3.2 Operating Experience in the Treatment, and Storage of LLW/ILW MW/HW
- 3.3 Programmatic, Regulatory and Statutory Issues and Solutions
- 3.4 Pollution Prevention/Waste Minimization for LLW/ILW/MW/HW
- 3.5 Waste Characterization for LLW/ILW/MW/HW
- 3.6 Waste Certification, Acceptance and Disposal for LLW/ILW/MW/HW
- 3.7 Performance of Disposal Facilities for LLW/ILW/MW/HW
- 3.8 Management of Spent and Disused Radioactive Sealed Sources

Abstract Due by August 31, 2004 Authors Notified of Acceptance by October 1, 2004

Final Approved Papers due by January 21, 2005

Draft Full Papers Due Reviewer's Comments Author by November 19, 2004 by December 17, 2004

# WM'05 Proposed Tracks and Topics

Details of all topics can be viewed at: <u>www.wmsym.org/wmsym</u> Reserved & Invited Topics are not listed in this Call for Abstracts but are on the web page topic listing

#### 4 - NUCLEAR POWER PLANT (NPP) WASTE MANAGEMENT (Operational Waste and NPP Spent Fuel)

C. Clint Miller, Pacific Gas & Electric Co., V: +1-(805)-545-4582, ccm1 @pge.com Mark Lewis, Duratek, Inc., V: 803-758-1827, mslewis@duratekinc.com Wolfgang Steinwarz, Siempelkamp Nukleartechnik Gmbh, V: +49-(2151)8948-290, wolfgang.steinwarz@siempelkamp.com

This Nuclear Power Plant Waste Management Track encompasses characterization and minimization, treatment, packaging and management of operational wastes, and NPP spent fuel storage and management.

4.0 Nuclear Power Plant Waste Management - Non-specified Posters and Abstracts

- 4.1 Nuclear Power Plant Liquid and Wet Waste Issues
- 4.2 Dry Waste and Characterization Issues

#### 5 - TRANSURANIC (TRU) AND LONG-LIVED RADIONUCLIDE WM

Stan Kosiewicz, LANL V: +1-(505)-665-9227, stan@lanl.gov

Chuan F. Wu, USDOE V: +1-(505)-234-7552, chuan-fu.wu@wipp.ws

The TRU and long-lived radionuclide waste track encompasses: 1) All contact (CH)-TRU, remote handled (RH)-TRU, and long-lived radionuclide waste types, including orphan wastes of these types, from generation and storage through characterization, treatment, transportation, and disposal; 2) Associated technology development and deployment including mobile/modular characterization deployments at large quantity and small quantity sites; 3) Operational safety and security aspects of managing long-lived radioactive/TRU mixed wastes; 4) Legacy versus newly generated waste issues of these waste types, 5) Periodic progress updates on achievement of milestones at TRU disposal facilities and waste generating sites (U.S. and International), 6) Crosscutting issues at the Waste Isolation Pilot Plant (WIPP) and waste generating sites including the regulatory framework, e.g., the WIPP permit modifications, EPA compliance recertification, oversight, and TRUPACT II SAR revisions; and 7) Process enhancements for managing these waste types.

5.0 TRU and Long-Lived Radionuclide WM - Posters & Non-specified Abstracts

- 5.1 TRU Waste Management Projects
- 5.2 Status and Plans at the US DOE WIPP
- 5.3 TRU Waste Characterization Issues

#### 6 - SPECIAL WASTES (SW), MIGRATION AND TENORM WM

Donald Clark, DEC Enterprises, V: +1-(509)-371-1082, declark36@aol.com Michelle Rehmann, Savci Environmental Technologies V: +1-(303)-389-4131, michelle rehmann@msn.com

This Track covers waste types other than specified in the other Tracks (LLW, ILW, MW, TRU, HLW, etc.), emerging recycling or disposal technologies and regulatory developments for management of uranium or thorium byproducts or tailings, or Technologically Enhanced Naturally Occurring Radioactive Material (TENORM), and control of migration from and long term surveillance of land disposal. This track may include hydro geological, geochemical, and other special aspects of radioactive waste management not specified in the other Tracks.

6.0 Special Wastes, Migration and TENORM - Posters & Non-specified Abstracts

6.1 Contaminant Migration Assessment and Modeling

6.2 Regulation and Management of Very Low-Dose Radiating Materials 6.3 US - Formerly Utilized Sites Remedial Action Program (FUSRAP)

# 7 - PACKAGING AND TRANSPORTATION (P&T)

Lawrence Harmon, Project Enhancement Corporation, V: +1-(240)-686-3059, Iharmon@pec1.net

Richard Yoshimura, SNL V: +1-(505)-845-8181, rhyoshi@sandia.gov

The Packaging and Transportation Track includes all activities and issues related to the safe, secure and economical packaging and transportation of radioactive materials. High-level, transuranic, low-level, and mixed low-level waste; fresh and irradiated nuclear fuel; contaminated media and debris; isotopes and radioactive sources; and uranium hexafluoride are all of interest to this Track. Topic areas include: 1) Domestic and international regulatory activities, issues, and initiatives, 2) Packaging development and related issues, 3) Logistics and transportation operations, including large items from decommissioning, 4) Integrated planning and scheduling, 5) Status and issues for large shipping campaigns, and 6) Stakeholder and public interactions and issues.

7.0 Packaging and Transportation - Posters and Non-specified Abstracts

7.1 Packaging and Transportation of Radioactive Material and Spent Nuclear Fuel

7.2 The Safe Transport of Radioactive Materials

7.3 Radioactive Material Packaging and Transportation Regulatory Issues

7.4 Packaging and Transportation Issues for US DOE- Yucca Mountain

#### 8 - DECONTAMINATION & DECOMMISSIONING (D&D)

Jas Devgun, Sargent & Lundy, V: +1-(312)-269-2283, jas.s.devgun@sargentlundy.com Albert A. Freitag, WMG, Inc., V: +1-(914)-736-7100, aafreita@wmginc.com Fred E. Sheil, BNFL (UK), V:+44-(19467)84813, fred.e.sheil@bnfl.com

This track includes all aspects of D&D from License Termination to Greenfield including characterization, decontamination, dismantlement, demolition, waste handling, final survey, and associated new technology development for both government and commercial nuclear and non-nuclear facilities in the US and internationally.

- 8.0 D&D Posters and Non-specified Abstract
- 8.1 Decommissioning Programs and Financial Strategies
- 8.2 Decommissioning and Lessons Learned, Nuclear (Non-Power) Facilities
- 8.3 DOE Facility Deactivation and Decommissioning Moves to Early Risk Reduction
- 8.4 Nuclear Power Plant Deactivation and Decommissioning
- 8.5 D&D Perspectives in Clearance of Radioactive Materials for Release
- 8.6 Decontamination and Decommissioning Technology Development
- 8.7 Decommissioning of Small Nuclear Facilities Under Constrained Resources

#### 9 - ENVIRONMENTAL REMEDIATION (ER)

Evelyn Wight, WPI, V: +1-(240)-683-1922, evelyn\_wight@gt.wpi.org Angie Jones, AMEC Earth and Environmental, V: +1-(865)-966-4338 x 259, angie.jones@amec.com

This track includes all activities associated with the assessment, cleanup, and closure of contaminated sites. The sessions will explore how to restore and protect human health and the environment through investigation, cleanup, closure, and long-term site management. The focus is on above and below ground remedial actions and cleanup activities including: site inspection, characterization and evaluation; sampling and analysis; compliance monitoring; resolving regulatory issues that impact cleanup; aquifer and soil restoration; managing waste resulting from cleanup activities; remedial design and implementation; accelerating cleanup through technological or process improvements; closure; and legacy management/long-term stewardship. Of particular interest for WM '05 are presentations on: accelerated cleanup and closure; worker safety; the results of transfer of site land or facilities to commercial entities for economic reuse; legacy management and long term stewardship implementation.

9.0 ER - Posters and Non-specified Abstracts

9.1 ER Progress Toward Closure of Contaminated Sites

9.2 Long Term Stewardship and Legacy Management

9.3 Technical Innovations in Accelerating ER and Site Closure

9.4 Innovative Field Monitoring for ER

9.5 Waste Disposal Solutions for Environmental Remediation Projects

9.6 Risk Based End States in ER Programs

#### 10 - PUBLIC COMMUNICATION, PARTICIPATION, EDUCATION AND TRAINING (CE&T)

William Murphy, MELE Associates, V: +1-(202)-863-5083, william.a.murphy@saic.com Connie Callan, Univ. of New Mexico, V: +1-(505)-277-7750, netn@unm.edu

This track includes a broad range of social, environmental, policy, communication, and educational issues associated with waste management decision-making. The focus is on potentially affected interests, or stakeholders, who are outside the waste management professional field. Topics have typically covered public participation issues, communication techniques, education and training, socioeconomic and environmental impact analysis and mitigation. More recently, this topic area has discussed cultural issues (including tribal perspectives), equity (including environmental justice, intergenerational equity) risk perceptions and communications.

10.0 Public Comm., Participation, Ed. and Training - Posters and Non-specified Abstracts

10.1 Assessing and Communicating "Risk"

10.2 Achieving Stakeholder Consensus for Openness and Transparency

10.3 Cultural, Community and Equity Issues in Waste Management

#### **11 - GENERAL AND UNASSIGNED ABSTRACTS**

Gary Benda, US Energy Corp., V: +1-(803) 345-2170, gbenda@wmsym.org

If you are unsure of your abstract assignment, please designate track 11.1. The abstract will be reviewed and properly assigned to one of the topics in the ten other tracks.

Abstracts received after the review deadline may be assigned to the 11.0 Poster Session. This session will accept late abstracts until January 21, 2005 but will not have any papers published. It will be held Wednesday afternoon/Thursday morning during the WM'05 conference. Abstracts for this poster session can be directed to topic 11.0.

11.0 General Poster Session (For Abstracts Received After 8/31/2004 and before 1/21/2005) 11.1 Unassigned Abstracts

#### Security and Safeguards

The WM Symposia provides numerous sessions on security and safeguards. To aid the author for WM05 assignment, listed are some of the primary topics dealing with these issues.

- 1.5 Radiological Dispersion Devices Response and Cleanup in EM
- R1.10 Panel: Radiological Dispersion Devices Prevention, Response and Recovery
- 3.8 Management of Spent and Disused Radioactive Sealed Sources
- 7.2 The Safe Transport of Radioactive Materials 10.1 Assessing and Communicating "Risk"

## WM Symposia, Inc.

#### **Corporate Officers**

Chairman of the Board Jack L. McElroy, RWE NUKEM Corp. President Fred Sheil. BNFL. Treasurer Steven Kadner, Canberra Aquila, Inc. Secretary Michelle Rehmann, Savci Environmental Technologies Legal Counsel James Glasgow, Morgan, Lewis & Bockius, LLP **Managing Director** James W. Voss, The Terra Verde Group of Companies

# WM Program Advisory Committee (PAC) Members

Gary Benda, PAC Chair US ENERGY Corp. Hugh Abbott\*, Amersham Plc Sue Aggarwal, New Millennium Kim Auclair, Auclair & Associates Bill Austin, WSRC Harry Babad, Consultant Frederic Bailly\*, Cogema Gabriele Bandt\*, TUV Hannover Bob Benedict, ANL Ed Bentz, E. J. Bentz & Assoc. Ron Bhada, NMSU - WERC Jennifer Bieschied, Washington TRU Solutions Enrique Biurrun\*, DBE Dick Blauvelt, S.M. Stoller, Corp Arnold Bonne\*, IAEA Leon Borduin, Consultant/LANL Tom Brouns, PNNL Steve Brown, Shaw E & I Patrice Bubar, US DOE Connie Callan, U of NM/WERC Albert Castagnacci, First Energy Nuclear Operating Co. Grant Charters, New Millennium Donald Clark, DEC Enterprises Ray Clark, USEPA Hans Codee\*, COVRA N.V. Michael Connolly, INEEL James Cook, SRTC John Dalton\*, UK Nirex Scott Dam, ASD E&C Ed Day, Shaw E&I Ramesh Dayal\*, IAEA Dorothy Davidson, Cogema Murthy Devarakonda, Washington TRU Solutions Jas Devgun, Sargent & Lundy Mark Duff, SEC Federal Services Corporation David Durham, Fluor Corp. Dave Eaton, INEEL Leif Eriksson, WCS LLC Erich Evered, Bechtel Jacobs Co. Mark Frei, USDOE-HQ Al Freitag, WMG Markus Fritschi\*, NAGRA Critz George, Consultant Carl Gertz, US DOE Gert Gesterman, GNS-Germany

#### **Board Members**

Paul Crawley, Palo Verde Nuclear Generating Station James Gallagher, Gallagher Consulting Group William T. Gregory III, Vinculum Stephan Halaszovich, FZJ Lawrence Harmon, Project Enhancement Corp. William Harris, University Research Alliance Ed Helminski, Exchange Monitor Publications, Inc. Steve Kraft, Nuclear Energy Institute Hiroshi Kuribayashi, Consultant John Mathieson, UK Nirex, Ltd. C. Clint Miller, Pacific Gas & Electric Co. Sue Mitchell, Jacobs Mitchelle Rehmann, Savci Environmental Technologies James W. Voss, The Terra Verde Group of Companies Bob Williams, WTA, Inc.

#### **Board Members Emeritus**

Ron K. Bhada, New Mexico State University Scott Dam, ASD E&C Howard M. Frederick, Consultant Abbas Ghassemi, NMSU/WERC James Glasgow, Morgan, Lewis & Bockius, LLP John Hurley, Consultant Alec E. Kelley, Professor Emeritus James G. McCray, Professor Emeritus, University of Arizona Takao Nakajima, JAIF & Kurihalant Co., Ltd. Roy G. Post, Professor Emeritus, University of Arizona

> April Gil, US DOE Sonny Goldstein, WSRC Anja Graf\*, FZK John Greeves, USNRC William Gregory, III, Vinculum Michael Gresalfi, ORNL Kenneth Guay, US DOE, NNSA Stephan Halaszovich\*, FZJ Linda James Hanus, SAIC Harry Harmon, Battelle, PNNL Lawrence Harmon, Project Enhancement Corp. Steve Houser, Jacobs William Hunkele, PSEG Jim Hylko, WESKEM Leslie Jardine, LLNL Angie Jones, AMEC Earth & Environ. Antoine Jouan\*, Consultant Myron Kaczmarsky, Shaw E&I Paul Kalb, BNL John Kennerly, Consultant Radovan Kohout, Kohout & Assoc. Stan Kosiewicz, LANL Heinz Kroeger\*, TUV Hannover Hiroshi Kuribayashi\*, Japan Manned Space Systems Christian Ladirat, CEA Kun Jai Lee\*, KAIST Linda Lehman, T-Reg Mark Lewis, Duratek Maria Lindberg\*, Studsvik RadWaste AB Sheila Little, (SC) squared, Inc. Paul Macbeth, Portage Environ. Margaret MacDonell, ANL Herve Masson\*, COGEMA John Mathieson\*, UK Nirex Mark Matthews, US DOE Lloyd McClure, Jacobs Charles McCombie, Arius Jack McElroy, RWE NUKEM Corp. Shankar Menon\*, Menon Consulting AB Lance Mezga, ORNL Clint Miller, PG & E Sue Mitchell, Jacobs Sitakanta Mohanty, Ctr. for Nuc. Waste Regulatory Analyses Barry C.K. Moravek, Info. Matters Bill Murphy, MELE Assoc.

### **Future WM Dates**

 WM'06
 February 26 - March 2

 WM'07
 February 25 - March 1

 WM'08
 February 24 - 28

 WM'09
 March 1 - 5

Tom Nauman, WMG, Inc. James Navratil, Clemson Univ. Michael Ojovan,\* Univ. of Sheffield Dominick Orlando, US NRC Kirk Owens, SAIC Larry Oyen, Larry Oyen Consulting Alan Pasternak, Cal Rad Forum Claudio Pescatore\*, OECD/NEA Bernard Poncet\*, EDF/CIDEN Kenneth Redus, Redus & Assoc. LLC Larry Regens, U of Oklahoma Michelle Rehmann, Savci Environ. Tech. Sue Rice, Cavanagh Services Piero Risoluti\*, ENEA Vincent Roland\*, COGEMA Logistics Nancy Rothermich, Lawrence Berkeley Lab Elizabeth Saris, SAIC Gultekin Savci, Savci Environmental Technologies Detlef Schmidt\*, RWE NUKEM GmbH Fred Sheil\*, BNFL Rainer Simon\*, Consultant Steven Slate, PNNL Stewart Smith, Hydro Geo Chem. Inc. Sergey Stefanovsky\*, SIA Radon Wolfgang Steinwarz\*, Siempelkamp Roger Stigers, PPL Susquehanna, LLC Robin Sweeney, US DOE Jacques Tamborini\*, ANDRA Edmund Tarnuzzer, Consultant Julie Tripp, INEEL Jack Tuohy, Shaw E&I Karl Umstadter, Archimedes Tech. Luis Valencia\*, FZK Bernard Vigreux\*, SFEN James Voss, The Terra Verde Group Ray Walton, Jr., Consultant Wendell Weart, WD Weart Consulting Steve Wiegman, US DOE Evelyn Wight, WPI Donald Wood, GaeaTech Serv. Bill Wowak, Mgmt. and Tech. Solutions C.F. Wu, US DOE Richard Yoshimura, SNL M. Bernie Zgola, CNSC David Zigelman, WSRTC \*Members of International Committee