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Inside DoD

## Spring DoD Forum Convenes at CORROSION 2009

By Cynthia Greenwood

The annual spring DoD Corrosion Forum, sponsored by the team of experts who support the DoD Corrosion Policy and Oversight Office, will be held in conjunction with the NACE International CORROSION 2009, from March 22 to 26 at the Georgia World Congress Center in Atlanta. The NACE conference will feature at least 5,000 corrosion industry professionals and more than 350 exhibitors.



To help industry suppliers of corrosion products understand how to sell their products and technologies to the Department of Defense, two experts will conduct a workshop titled "DoD Product Introduction Workshop" on Monday from 1 to 4:30 p.m. The workshop, given by Robert Herron of the Army's Research, Development, and Engineering Command (RDE) and Steve Spadafora of NAVAIR, will demonstrate tools for matching products with military specifications using the CorrDefense online portal.

"We encourage all industry suppliers to learn about the Web-based production introduction process and pose questions about working with DoD," said Daniel J. Dunmire, Director of the DoD Corrosion Policy and Oversight Office, who will be available to answer questions during the workshop.

***DOD Corrosion Forum XX  
Georgia World Congress Center  
Convention Center B402***

During the NACE conference, the DoD Corrosion Prevention and Control Integrated Product Team (CPC IPT) will add ongoing corrosion concerns, policy developments, and project successes during the three-day meeting. Committees, known as Working Integrated Product Teams (WIPTs), will also conduct tri-annual meetings during regular sessions.

### **Monday, March 23, 2009**

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|-------------------------|---|
| 9:00 a.m. - 10:30 a.m.  | <b>WIPT Updates, Plans, and Objectives</b><br>Science and Technology WIPT<br>Metrics, Impact, and Sustainment (MIS) WIPT<br>Outreach and Communications WIPT<br>SSQP (Specs & Standards Qualification Process) WIPT<br>Training WIPT<br>Facilities WIPT                     |
| 10:30 a.m. - 11:30 a.m. | <b>Program Overviews</b><br>•Program Status and Update on law and DODI Implementation, Service Corrosion Executives, GAO audits, 2009 Corrosion Conference, 2010 Funding, training productions, university projects, and project selection overview<br>•Policy WIPT Meeting |

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| 11:30 a.m. -<br>12 noon          | <b>Special Presentations</b><br>The National Academy of Sciences Update<br>University of Akron Update—Undergraduate Corrosion Engineering degree  |
| 12:00 noon -<br>1:00 p.m.        | <b>Lunch</b><br>Note: The Outreach/Communications WIPT will have a "working lunch" meeting during this period.  |
| 1:00 p.m. -<br>5:00 p.m.         | <b>Parallel Sessions</b><br>DoD Product Introduction Workshop<br>MIS WIPT Meeting<br>Facilities WIPT Meeting<br>Ground Systems CPC Planning Guidebook Meeting   |
| <b>Tuesday, March 24, 2009</b>   |   |
| 8:00 a.m. -<br>12:00 p.m.        | Military Departments: Corrosion Executive Session   |
| 8:00 a.m. -<br>9:00 a.m.         | Program Overviews—Dan Dunmire and Corrosion Office Support Team   |
| 9:00 a.m. -<br>9:15 a.m.         | National Academy of Sciences – Gary Fischman  |
| 9:15 a.m. -<br>9:40 a.m.         | Cost and Availability Impacts of Corrosion – Eric Herzberg  |
| 9:40 a.m. -<br>10:00 a.m.        | Break   |
| 10:00 a.m. -<br>10:30 a.m.       | GAO (Government Accountability Office) presentation and discussion  |
| 10:30 a.m. -<br>11:30 a.m.       | WIPT Presentations (15 minutes per WIPT)  |
| 11:30 a.m. -<br>12:00 noon       | Project Updates by Service Representatives  |
| 12:00 noon -<br>1:30 p.m.        | Lunch   |
| 1:30 p.m. -<br>5:30 p.m.         | <b>Military Department Corrosion Sessions</b> (if desired by individual Corrosion Executives)<br>Army Corrosion Session (B406b)<br>Navy/Marine Corps Corrosion Session (B409)   |
| 3:00 p.m. -<br>5:00 p.m.         | Hex Chrome RMO Meeting (invitation only)  |
| <b>Wednesday, March 25, 2009</b> |   |
| 8:00 a.m. to<br>12:00 noon       | <b>Parallel Sessions—WIPT Breakout Meetings</b><br>Science and Technology WIPT—B406b<br>Training WIPT—B409<br>SSQP WIPT—Omni Hotel at CNN Center—Omni, South Tower, Atrium Terrace Level, Birch Room)<br>Policy WIPT—Omni Hotel at CNN Center—Omni, South Tower, Atrium Terrace Level, Pine Room) |
| 12 noon -<br>2:00 p.m.           | Lunch   |
| 2:00 p.m. -<br>4:00 p.m.         | DoD Corrosion Forum X—Part 2 – B402<br>WIPT Out-briefings and Forum Wrap-up—B406b   |

## ***Corrosion of Military Hardware and Facilities Symposium***

This symposium will feature technical papers on studies and solutions of war-fighting materiel and military facilities. It is sponsored by Committee STG 40 on Military and Aerospace Systems and Facilities. Below are titles of all technical papers. ([Click here](#) to see names of authors and inside links to their detailed presentation abstracts.)

Chair: Barry S. Hindin, Battelle-Columbus

Vice Chair: Lee-Ann Barkhouse, U.S. Army Natick Soldier RD&E Center

- Using Zn-Ni-SiO<sub>2</sub> Electrocomposite Coating to Prevent Carbon Steel Against Acidic Environments
- Reactive Silicate Coatings for Protecting and Bonding Reinforcing Steel in Cement-Based Composites
- Evaluation of Coatings for Flex Hoses at the Space Shuttle Launch Pad
- The Corrosion Resistance of Weapon System Lubricants
- The Performance of Non-chromium Final Rinses for Heavy Phosphate Coatings
- Demonstration of Thermal Barrier Coating System Used in Heat Distribution System Manholes
- General Corrosion Resistance Comparisons Among Aluminum Alloys of Interest for DoD Systems Using Laboratory-Based Accelerate Corrosion Methods
- A 20-Year Life-Cycle Cost Comparison for Coatings on the Launch Pads and Mobile Launch Platforms at the Kennedy Space Center
- Smart Coating for Corrosion Indication and Prevention: Recent Progress
- Zn-Rich Primer Evaluation for Corrosion Protection of U.S. Marine Corps Ground Vehicles
- Corrosion Inhibitor Systems for Rebar in Concrete Structures
- New Aircraft Pretreatment and Wash Primer System
- Diaphragm-Based Pipeline Corrosivity Monitoring Systems
- Measurement of CPC Performance Using EIS-based Coating Degradation Sensors
- Correlation of Electrochemical, ASTM Test and Metallographic Analyses in the Corrosion Behavior of 5XXX Aluminum Alloys
- Impact and Corrosion Prevention Using Polymer Composite Wrapping and Galvanic Cathodic Protection System for Pilings at Kawaihae Harbor
- Integrated Concrete Pier Piling Repair and Corrosion Protection System
- Selective Dissolution of Ti-6Al-4V Titanium Alloy in Mixed HCl + H<sub>2</sub>SO<sub>4</sub> Solution

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## ***NACE-Sponsored Educational Forums and Tutorials***

***([Click here](#) to see detailed summaries and speakers for individual sessions.)***

### ***Monday, March 23, 2009***

|                        |   |
|------------------------|---|
| 10:00 a.m. - 12 noon   | Nuclear Coating Inspector Forum                           |
| 10:00 a.m. - 5:30 p.m. | International Marine Coatings Forum                       |
| 1:00 p.m. - 2:00 p.m.  | What are You Doing to Preserve Your Assets?               |
| 2:00 p.m. - 6:00 p.m.  | Cathodic Protection Tutorial                              |
| 2:30 p.m. - 4:30 p.m.  | Making Sure the Paint Sticks: How Much Soluble Salt Forum |
|                        |   |

**Tuesday, March 24, 2009**

|                         |   |
|-------------------------|---|
| 8:00 a.m. - 9:00 a.m.   | Corrosion and Punishment  |
| 8:30 a.m. - 11:00 a.m.  | How to Avoid Premature Coating Failures—Tutorial                        |
| 8:30 a.m. - 11:00 a.m.  | Bridge Painting—Staying Ahead of the Curve Forum                        |
| 10:00 a.m. - 11:00 a.m. | Coating Applicator Training and Certification to the NACE/SSPC Standard |
| 2:00 p.m. - 3:30 p.m.   | Front Page Issues Session 1: Zero Leaks—Is This a Reasonable Goal?      |
| 2:00 p.m. - 4:00 p.m.   | Application of Coatings: How Green Can You Get Forum                    |
| 3:45 p.m. - 5:00 p.m.   | Front Page Session 2: Bridge Life Extension                             |
| 5:00 p.m. - 6:00 p.m.   | National Academies of Science Corrosion R&D Town Hall Meeting           |
|                         |   |

**Wednesday, March 25, 2009**

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| 2:00 p.m. - 3:30 p.m. | Pipeline and Hazardous Materials Safety Administration Forum |
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**Thursday, March 26, 2009**

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| 9:00 a.m. - 5:00 p.m. | Pipeline and Hazardous Materials Safety Administration Internal Corrosion Public Workshop |
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