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Inside DoD

DoD Invites Experts to Attend Next Forum at NACE CORROSION/2007

By Cynthia Greenwood

The next DoD Corrosion Forum will take place during the NACE International Annual Conference and Expo 2007 from March 11 to 14 in Nashville, Tennessee. The NACE conference—known as CORROSION/2007—will be housed at the Gaylord Opryland Convention Center and features innovative technical symposia, international networking opportunities, and memorable social events. Featuring more than 5,000 industry professionals and at least 300 exhibitors, CORROSION/2007 is a critical event for anyone involved in corrosion science and engineering worldwide.

To deepen the partnership between DoD and industry, CORROSION/2007 will also host two significant events highly relevant to the corrosion prevention community—the DoD Corrosion Forum XIV on the afternoon of Tuesday, March 13, and a Corrosion Prevention Advisory Team (CPAT) Workshop on Thursday, March 15, from 8 to 5 p.m.

A CPAT is a committee of corrosion and project experts who work together to plan for and execute a meaningful and effective corrosion prevention and control program when a DoD branch acquires a new military weapon system or builds new infrastructure. The CPAT Workshop offers the latest information about why a CPAT is important in the development of a weapon system or infrastructure. The workshop also outlines the who, what, why, when, and how of conducting an effective CPAT; provides real-life lessons learned about setting up and implementing a CPAT; and provides access to corrosion experts from all Services, as well as systems expertise for interactive and constructive dialogue.

Ret. Air Force Col. Michael Carpenter will facilitate the upcoming CPAT Workshop. "While each CPAT Workshop is valuable to anyone planning and carrying out a corrosion prevention and control program, this particular one will highlight the particular needs of those responsible for corrosion prevention on facilities and infrastructure projects," said Ret. Col. Carpenter. CORROSION/2007 and Corrosion Forum XIV attendees are welcome to attend the workshop and can do so through free advance registration.

Below is a detailed schedule of the DoD Corrosion Exchange meetings at the conference.

Click below for details on:

- [DoD Corrosion Forum XIV](#)
- [CPAT \(Corrosion Prevention Advisory Team\) Workshop](#)
- [Corrosion of Military Hardware and Facilities Symposium](#)



DoD Corrosion Forum XIV

During the conference, the DoD Corrosion Prevention and Control Integrated Product Team (CPC IPT) will address specific corrosion concerns and procedures during a three-day meeting, followed by a CPAT Workshop.

Monday, March 12, 2007

9 a.m. to 5 p.m.

Tuesday, March 13, 2007

Session 1: 1:30 to 3:30 p.m.

- The first session will directly inform companies in the corrosion industry of the process used for proposing projects through the DoD CPC IPT for funding.
- This session will also include topics such as approaching the appropriate DoD branch with a new idea, product, or service; how to market your product or service to the DoD; expectations for project planning; how to calculate your projected return on investment for DoD corrosion project proposals; and how to get proposed projects approved.

Tuesday, March 13, 2007

Session 2: 3:30 to 5:30 p.m.

- Part two of the DoD Corrosion Exchange will focus on the Government Accountability Office and the DoD Corrosion Prevention Report to Congress. These reports will provide an update on the status of the DoD Office of Corrosion Policy and Oversight programs.

Wednesday, March 14, 2007

1 to 5 p.m.

CPAT (Corrosion Prevention Advisory Team) Workshop**Thursday, March 15, 2007**

8 to 5 p.m.

Generally, the CPAT is actively involved in reviewing all design considerations, materials selection, costs, and documentation that may impact corrosion prevention and control throughout a DoD system or facility's life. The CPAT is expected to advise the program or project manager on corrosion-related issues and elevate unresolved issues to the Pentagon-based oversight committee, known as an OSD (Office of Secretary of Defense) IPT (Integrated Product Team).

Corrosion of Military Hardware and Facilities Symposium**Thursday, March 15, 2007**

8 a.m. to 5 p.m.

This symposium will contain technical papers on studies and solutions for corrosion of war-fighting materiel and military facilities. It is sponsored by Committee STG 40 on Military and Aerospace Systems and Facilities.

Symposium Chair: Vincent F. Hock, U.S. Army ERDC-CERL (Engineering Research and Development Center-Construction Engineering Research Laboratory)

Vice Chair: James F. Dante, Southwest Research Institute

- Coating Assessment for Projection of Service Life-07220
J. Peter Ault and James Ellor, Elzly Technology Corp.
- Smart Fluorescent and Self Healing Coatings for Steel Utilities at Army Installations-07221
Larry D. Stephenson and Ashok Kumar, U.S. Army ERDC-CERL.

- Remote Corrosion Sensors for Measurement of Corrosion Rates and Detection of Corrosion under Metallic Coatings-07222
Ashok Kumar and Larry D. Stephenson, U.S. Army Engineering Research and Development Center
- Advanced Materials and Coatings for Corrosion Intensive Components at Water Treatment Plants-07223
Larry D. Stephenson and Ashok Kumar, U.S. Army Engineering Research and Development
- Evaluation of Alternative Methods to Reduce Corrosion Associated with Armor Kits-07225
Kendra Price and James F. Dante, Southwest Research Institute
- CPC Performance in Occluded Sites-07226
Kendra Price and James F. Dante, Southwest Research Institute
- Corrosivity Mapping of the Pacific Theatre of Operations-07227
George A. Hawthorn and Lloyd H. Hihara, University of Hawaii at Manoa
- Controlled Release Microcapsules for Self-Healing Coatings-07228
Wenyan Li, NASA Postdoctoral Fellowship; Luz Marina Calle, NASA Kennedy Space Center
- When Do We Need to Wash Aircraft?-07229
Robert D. Klassen and Pierre R. Roberge, Royal Military College
- Coating Health Monitoring System for Army Ground Vehicles-07230
Guy D. Davis, DACCO SCI, INC; Robert Ross, Virginia Technologies; Surya Raghu, Advanced Fluidics LLC
- Developing Corrosion Rate Indices for Military Equipment and Facilities-07231
Sean W. Morefield, U.S. Army ERDC-CERL
- Novel Electro-Osmotic Pulse System for Eliminating Water Intrusion in Below-Grade Ammunition Bunkers-07232
Orange Marshall, U.S. Army ERDC-CERL
- Intumescent Corrosion Resistant Coatings for Facilities-07233
Susan A. Drozd, U.S. Army ERDC-CERL
- Ice-Free Cathodic Protection Systems for Elevated Water Storage Tanks in Cold Climates-07234
Vicki L. Van Blaricum and Vincent F. Hock, U.S. Army ERDC-CERL; James B. Bushman, Bushman and Associates, Inc.; Bopinder S. Phull, Consultant
- Sensors to Improve Corrosion Control and Water Quality in Water Distribution Systems-07235
Vicki L. Van Blaricum and Vincent F. Hock, U.S. Army ERDC-CERL; Bopinder S. Phull, Consultant; James B. Bushman, Bushman and Associates, Inc.
- Analysis of Isocyanate-Free Aircraft Topcoats by Electrochemical Impedance Spectroscopy-07236
Douglas C. Hansen and Leanne Petry, University of Dayton Research Institute; James F. Dante, Southwest Research Institute