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Technical meeting Notice:

High Temperature Materials used for Ethylene Furnace Components and Related Failure Mechanisms

Date: Tuesday September 14, 2010

Time: 6:00-9:00 pm

Location: The Faculty Club: Saskatchewan Room, University of Alberta,
11435 Saskatchewan Drive, Edmonton

Speaker: **Dominic Grandinetti P.Eng.**
*Senior Materials Engineer Specialist, Dow Chemical Canada ULC.
Member of Dow's Global High Temperature Technical Resource Network
and the Dow's Global Ethylene Furnace Technology Team.*

Details:

This technical NACE dinner meeting will review high temperature materials used in Ethylene Furnaces. Several failure mechanisms of furnace components will be discussed including:

- Sulfidation.
- Metal dusting
- Carburization
- Creep
- Overheating / ductile fracture
- Brittle Fracture
- Thermal fatigue
- Erosion
- Stress relaxation cracking

6:00: Reception

6:30: Dinner

7:15: Presentation

Costs:

\$20 for members

\$25 for non members

\$10 for students

Affiliate members to include AWS, CWS, NACE, SME, CSME

RSVP: To register please email Harm.deGroot@Shell.com

Please indicate your name, your corporate affiliation and a contact phone number.

Registrations will be accepted until Monday September 13.

Hope to see you in the Faculty Club!

The NACE Edmonton section.