

You are invited to an IEEE Meeting on **Thursday, April 21, 2011**



Title: **Super Synchronous Motors in High Speed Applications**

Speaker: Dave Robison, FMC Technologies
Charles Tremaine, Electrical Equipment Sales

Date: Thursday, April 21, 2011

Time: No-host social at 5:30 pm; Presentation at 6:15pm; Dinner at 7:15 pm;
Presentation continues at 8:00 pm; Adjourn by 9:00 pm.

Place: Marie Callender's Restaurant - The Garden Room; 2090 Diamond Blvd in Concord
(near the Concord Hilton Hotel). Call 925-827-4930 if you need directions.

RSVP: **Please make reservations by April 19**, by contacting Gregg Boltz
email: gboltz@brwncald.com or telephone: (925) 210-2571

Cost: The cost of dinner is \$20 for IEEE members; \$25 for non-members.

Meeting Description:

David Robison will present on the latest developments in super synchronous motors (up to 22,500 RPM). He will compare applications using high speed motors to applications using gear boxes.

Charles Tremaine will present on how to specify Medium Voltage Variable Frequency Drives. This will cover critical issues with the converter and inverter as well as reliability, motor compatibility and servicing.

About the Speakers:

David Robison is Western Area Sales Manager, FMC Technologies Direct Drive Systems. David earned a BSME from University of Tulsa, and holds a MBA from University of Colorado. Dave has 10 years manufacturing own reciprocating compressor designs and over 20 years of experience at Sundstrand Corp, Sundyne Pumps and Compressors and General Electric, GE Oil & Gas, Gas/Steam Turbines, Electric Motors, Generators, Pumps and Compressors.

Charles Tremaine is a Sales Engineer at Electrical Equipment Sales. Charles served in the USN Submarine Service, was Western Regional Manager for Computer Controls Corporation, and District Manager for Analogic Corporation.

Upcoming Meetings - Mark your Calendars:

Thurs, May 19	Load shedding schemes and case study
Thurs, June 16	Electric Vehicle Charging
Thurs, Sept 15	UL standards and testing, and related codes

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