

San Francisco Chapter Meeting Notice: Tuesday – April 28, 2009

Chair:	Jack Lin 415.551.4894 jl原因@sfwater.org	SFPUC	Membership:	Gary Fox 925.969.3608 g.fox@IEEE.org	General Electric
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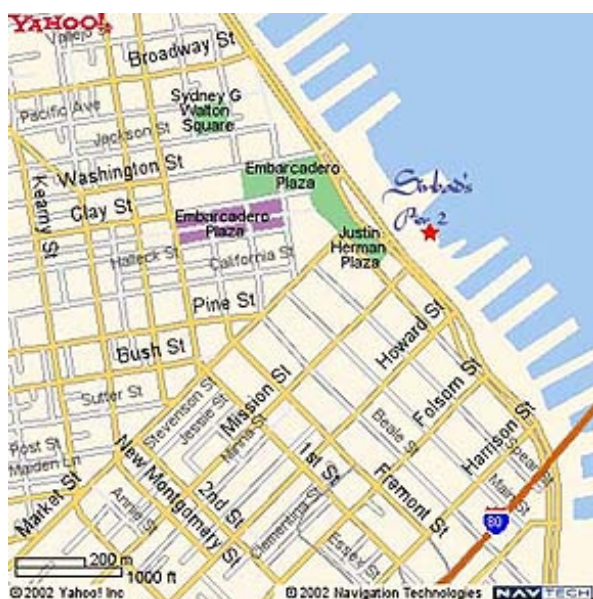
Subject: Apply Digital Relays To Enhance Industrial Power System Protection

Speaker: Gregory B. Rauch, P.E., Matzinger-Keegan, Inc.,

Microprocessor-based digital protective relays revolutionized power system protection with their introduction in the early 1980's. The primary advantages of digital relays compared to electromechanical and solid state analog designs include performance, initial and lifetime ownership cost, size, and reliability. This presentation highlights microprocessor-based industrial protection relays. The discussion will include arc flash detection in metal-clad switchgear, and selective tripping between main and feeder breakers using peer-peer communications between instantaneous overcurrent protection relays. Examples of recorded oscillographic event data, and sequential event records will be included.

Greg is a manufacturer's representative, working for Matzinger-Keegan Inc (MKI). Prior to joining MKI in 2008, he was the Northern California Field Sales Engineer with Schweitzer Engineering Laboratories, Inc. His professional career includes positions held with General Electric, EPRI, BMI, PG&E, and a consulting research firm. Past assignments include protective relay application engineer, power quality and EMF research project manager, Asia-Pacific regional manager, and international marketing manager. He graduated from Brigham Young University with BSEE and Masters of Power Engineering degrees. He is a life member of Eta Kappa Nu, Senior Member of IEEE, and California registered professional engineer. On a lighter note, he is an FCC licensed amateur radio operator, callsign N6CK.

Please join us in welcoming our speaker to San Francisco for what is sure to be an interesting and productive session.



Date:	Tuesday April 28, 2009
Time:	5:30 pm (Attitude Adjustment) 6:00 pm (Meeting) 7:00 pm (Dinner)
Location:	Sinbad's Restaurant Pier 2 The Embarcadero San Francisco, CA 94111 415.781.2555 (short walk from Embarcadero BART)
Cost:	\$25 (At the door). Email pre-registration qualifies the registrant for our drawing of an IEEE Color Book at dinner. Please email frank.sylvester@sfdpw.org for reservations and to qualify for the drawing.
Student Members:	\$10 (at the door) discounted cost for first 5 reserved IEEE Student Members.
Contact:	Frank Sylvester SFPDW frank.sylvester@sfdpw.org 415.558.4591