

## San Francisco Chapter Meeting Notice: Tuesday – April 22, 2008

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**Subject: Surge Protection Design**

**Speaker: Chris Martin, Thomas & Betts Power Solutions**

Surge protection design has evolved extensively over the past 30 years. Our speaker will provide an update on the surge protection industry and will expand on the safety standard, UL1449. UL 1449 mentions field application issues arising from the use of traditional surge protection components, and explores the impact of temporary overvoltages on surge protection components. He will review published recommendations from IEEE Std 1100-2005 (Emerald Book) that cautions the integration of surge protection within switchboards. He will summarize the forthcoming changes to the surge protection performance standards, NEMA LS-1. As an extra bonus, the presentation will include a live demonstration showing the potential effect of temporary overvoltages on today's surge protection components.

Our speaker is Chris Martin, the Surge Protection Product Manager for Thomas & Betts Power Solutions located in Richmond, VA. Current Technology is one of the local surge protection companies represented by Harold Wells Associates. He received his Bachelor of Science degree in Electrical Engineering from the Virginia Military Institute. Prior to his current role at Thomas & Betts Power Solutions, he was production engineer for TVSS products and data center power infrastructure including digital static transfer switches and PDUs.

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



<b>Date:</b>	<b>Tuesday April 22, 2008</b>
<b>Time:</b>	5:30 pm (Attitude Adjustment) 6:00 pm (Meeting) 7:00 pm (Dinner)
<b>Location:</b>	Sinbad's Restaurant Pier 2 The Embarcadero San Francisco, CA 94111 415.781.2555
<b>Cost:</b>	<b>\$25 (At the door).</b> Email pre-registration qualifies the registrant for our drawing of an IEEE Color Book at dinner. Email <a href="mailto:jlin@sfwater.org">jlin@sfwater.org</a> for reservations and to qualify for the drawing.
<b>Student Members:</b>	\$10 (at the door) discounted cost for first 5 reserved IEEE Student Members.
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