

San Francisco Chapter Meeting Notice: Tuesday – May 22, 2007

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Subject: Electrical Design Fundamentals for Minimizing Arc Flash Hazards

Speaker: Chet Davis, P.E., – President of ESA, Inc.,

Chet Davis will discuss and review electrical design fundamentals for minimizing the effects of potential arc flash hazards. Many consultants and plant facility engineers have not performed detailed arc flash hazard studies and are unfamiliar with the options for designing in electrical safety. Mr. Davis will cover how to make arc flash protection part of your electrical design, as well as system protection options and equipment requirements. He will present numerous interactive examples so attendees can see how even simple changes in the design can affect the arc flash potential of a system.

Our speaker for May is **Chet Davis, P.E.**, He is the President of ESA, Inc in Clackamas, OR and the chief designer of the EasyPower® software suite for the design, analysis, and safety of power systems. Mr. Davis received his BSEE from Oregon State University and has been actively involved in analyzing and trouble shooting industrial power systems for the past 26 years. Mr. Davis is a member of the IEEE Industrial Applications Society and the Power Engineering Society. He is a member of the IEEE IAS Short Circuit Committee (P551), which is preparing the forthcoming Recommended Methods for Calculation AC Short-Circuit Currents in Industrial and Commercial Power Systems (IEEE Violet Book). Mr. Davis is also a member of the IEEE Power System Analysis Committee (Brown Book) and the IEEE Power System Protection Committee (Buff Book), and the IEEE-1584 working Group on Arc Flash analysis. He is a member of Tau Beta Pi, Eta Kappa Nu, and is a Registered Professional Engineer in the states of Oregon and California.

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



Date:	Tuesday May 22, 2007
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
Cost:	\$20 (At the door). Thanks to IEEE SF Section for subsidizing this reduction. Email pre-registration qualifies the registrant for our drawing of an IEEE Color Book at dinner. Email jlin@sflower.org for reservations and to qualify for the drawing.
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