

San Francisco Chapter Meeting Notice: Tuesday – March 25, 2008

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Subject: Carbon Fiber Flywheel vs. UPS Battery Systems. What to Use?

Speaker: Michael Lasky, Pentadyne Power Corporation

Carbon Fiber Flywheel systems are used to back up Casinos, Hospitals, Data Centers, a Broadcasting Studio, as well as many other types of critical load environments. Carbon fiber is the most advanced material being used in flywheels today. As a result, flywheels can now take advantage of speed to significantly reduce the size and weight of the flywheel and eliminate high-maintenance mechanical bearings, traditionally found in rotary UPS and steel flywheels, thus eliminating maintenance associated to the rotating mass. When compared to batteries, flywheels offer higher reliability, less maintenance, lower life cycle cost, no hazardous materials and a known state of charge. When flywheels are used with batteries, they preserve the battery by providing the energy required for short outages, voltage fluctuations and when exercising generators. This presentation specifically focuses on carbon fiber flywheel technology and how they are used within power quality applications.

Our speaker is Michael Lasky of Pentadyne Power Corporation. He received an electrical engineering degree from Cal Poly Pomona and an MBA from Pepperdine University. He has over 16 years experience within the Power Quality industry, working for two of the major UPS manufacturers. He most recently serves as Director of Sales for Pentadyne Corporation.

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



Date:	Tuesday March 25, 2008
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:	\$25 (At the door). 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.
Student Members:	\$10 (at the door) discounted cost for first 5 reserved IEEE Student Members.
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