



For more information, contact:
Jeff Shepard, President
jshepard@darnell.com
(951) 279-6684
<http://nanopower.darnell.com>

Darnell Group

NEWS

Energy Harvesting and Thin-Film Batteries to be Spotlighted at nPF '08

Corona, California, March 6, 2008 – Energy Harvesting and power management solutions for low-power wireless systems will be spotlighted at Darnell’s second annual nanoPower Forum (nPF '08). Both are critical technologies enabling wireless applications such as mesh networks, wireless sensor and control applications, microelectromechanical (MEMs) systems, and so on.

The Plenary Session will include Peter Spies, Group Manager with the **Fraunhofer Institute** talking about, “*Requirements of Power Management ICs for Energy Harvesting Transducers*,” Ton Steenman, Vice President with **Intel** focusing on, “*Rethinking Low Power*,” Mark E. Buccini, Director with **Texas Instruments** revealing how “*Efficient Regulation and Dynamic Voltage Scaling Enable Practical Usage of Thin-Film Batteries with Single Supply Technology*,” Charles Lakeman, Vice President with **TPL, Inc.** will close the session by presenting, “*EnerPak: Combining Energy Harvesting and Power Management for a Complete Wireless Sensor Power Solution*.”

“The latest energy harvesting devices and thin-film batteries are enabling exciting new wireless system architectures in automotive, aerospace, building automation, medical and other systems,” stated Jeff Shepard, President of Darnell Group. “This year, several companies will be making technical presentations for the first time in a public forum. In addition to learning about new powering technologies, delegates will learn about optimizing the design of systems employing energy harvesting and thin-film batteries,” Shepard concluded.

Energy harvesting, energy storage and power management technologies are a major issue in terms of the commercial rollout of next-generation ultra-low-power systems. Participants will have an opportunity to meet and talk with top executives and technical professionals in the fields of energy harvesting, advanced rechargeable batteries, power management, ultra-low power RF technologies, networking protocols, and related fields. nPF '08 will focus on solutions to the increasing complexity of wringing out the maximum performance from tomorrow’s advanced ultra-low power devices. It will bring together component suppliers and system designers and will address the latest advances in this rapidly emerging field. nPF '08 will include exhibits, technical sessions, seminars, networking opportunities, and more. Multiple sessions on both Energy Harvesting and Thin Film Batteries will be featured at this year’s Forum.

Media sponsors for Darnell’s nanoPower Forum include Darnell’s **PowerPulse.Net**, and the Penton Electronics Group, including: **Electronic Design, Power Electronics Technology, Microwaves & RF**, and **RF Design**.

Darnell Group is the leading source for worldwide strategic information covering the full spectrum of power electronics, energy storage and generation. Darnell publishes the industry’s daily news on www.PowerPulse.net and specializes in the economic/business analysis of emerging power markets and technologies. Complete information on nPF '08 is available at: <http://nanopower.darnell.com>

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