

APEC 2004 — CONFERENCE AT A GLANCE

Saturday, February 21			
Registration Desk Open		3:00 PM – 6:00 PM	Center Lounge
Sunday, February 22			
Registration Desk Open		8:00 AM – 5:00 PM	Center Lounge
Seminar 1	The Business of Power---An Introduction to the Power Industry for the Non-Technical Professional	9:30 AM – 1:00 PM	South Ballroom A
Seminar 2	SMPS Design Basics	9:30 AM – 1:00 PM	Avalon Room
Seminar 3	Lead Free Manufacturing and Industry Preparedness	9:30 AM – 1:00 PM	South Ballroom B
Seminar 4	Power Electronics Packaging With An Emphasis On High Current Applications	9:30 AM – 1:00 PM	North Ballroom A
Seminar 5	Permanent Magnet and Induction Motor Drives	9:30 AM – 1:00 PM	Marina 1
Seminar 6	PWM Switch Modeling Historical Review & New Developments	9:30 AM – 1:00 PM	North Ballroom B
Seminar 7	Hybrid Vehicle Propulsion: Electrical & Mechanical Matching	9:30 AM – 1:00 PM	Marina 4
Seminar 8	Writing Specifications For Power Supplies And DC-DC Converters	2:30 PM – 6:00 PM	South Ballroom A
Seminar 9	Digital Signal Processor Basics for Power Supply Design	2:30 PM – 6:00 PM	Avalon Room
Seminar 10	Alternate Power Business Models	2:30 PM – 6:00 PM	South Ballroom B
Seminar 11	Design-Oriented Feedback Analysis: A Final Solution	2:30 PM – 6:00 PM	North Ballroom A
Seminar 12	Efficient Development Of Adjustable Speed Motor Drive Controls By Hardware In The Loop	2:30 PM – 6:00 PM	Marina 1
Seminar 13	A Systematic Method for Developing SPICE Models for PWM Converters	2:30 PM – 6:00 PM	North Ballroom B
Seminar 14	Power Semiconductors and Control for Automotive Applications	2:30 PM – 6:00 PM	Marina 4
Monday, February 23			
Registration Desk Open		8:00 AM – 5:00 PM	Center Lounge
Seminar 15	Best Practices in Qualifying Power Supplies and Power Suppliers	8:30 AM – Noon	South Ballroom A
Seminar 16	Digital Control of HF Switching Power Converters	8:30 AM – Noon	Avalon Room
Seminar 17	What You See (On Your Line) is What You Get (In the Field)	8:30 AM – Noon	South Ballroom B
Seminar 18	The Forward Converter: Practical Design of Input and Output Filters	8:30 AM – Noon	North Ballroom A
Seminar 19	An Introduction To EMC And Good Design Practices For Successful High Frequency Inverter Design	8:30 AM – Noon	Marina 1
Seminar 20	Stability Analysis Made Simple	8:30 AM – Noon	North Ballroom B
Seminar 21	High Efficiency Rectification	8:30 AM – Noon	Marina 4
Session 1	Plenary	1:30 PM – 5:00 PM	Grand Ballroom
Spouse & Guest Welcoming		8:30 AM – 9:30 AM	Coronado Room
Spouse & Guest Tour- Colors of the Coast: Huntington Beach and Newport Beach		Time To Be Announced	Coronado Room
Welcoming Reception—Exposition Hall Open		5:30 PM – 8:00 PM	Terrazzo Room/Exhibit Hall
Micro Mouse Contest		8:00 PM – 10:00 PM	Grand Ballroom

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Tuesday, February 24			
Registration Desk Open		8:00 AM – 5:00 PM	Center Lounge
Session 2	Digital Control	8:30 AM – Noon	North Ballroom A
Session 3	Inverter Design and Applications	8:30 AM – Noon	North Ballroom B
Session 4	Lamp Ballasts	8:30 AM – Noon	South Ballroom A
Session 5	Active Power Filters	8:30 AM – Noon	South Ballroom B
Session 6	Semiconductor Devices	8:30 AM – Noon	Avalon
Session 7	VRM Design Considerations	8:30 AM – Noon	Marina 1
Session 8A	Power Supply Efficiency Standards	8:30 AM – 10:30 AM	Marina 4
Session 8B	Marketing	10:45 AM – Noon	Marina 4
Spouse & Guest Tour - From Bowders to Flowers: The Bowers Museum of Cultural Art and Sherman Gardens		Time To Be Announced	Coronado Room
Exposition Hall Open		Noon – 5:00 PM	Terrazzo Room/Exhibit Hall
Exhibitor Seminars—See Exposition Directory For Seminar Descriptions		2:30 PM – 4:15 PM	North & South Ballroom's
Rap Session I	Power Supply Digital Control: Real Or "Virtual"?	5:00 PM – 6:30 PM	North Ballroom A
Rap Session II	Who Needs Power Supply Companies, When The Semiconductor Company Can Do It All?	5:00 PM – 6:30 PM	North Ballroom B
Rap Session III	We're On The Power Electronics Roadmap, But Who's Driving?	5:00 PM – 6:30 PM	South Ballroom B
Wednesday, February 25			
Registration Desk Open		8:00 AM – 3:00 PM	Center Lounge
Session 9	Fuel Cell Power Conversions	8:30 AM – 10:15 AM	North Ballroom A
Session 10	Control of DC-DC Converters	8:30 AM – 10:15 AM	North Ballroom B
Session 11	Standby Power	8:30 AM – 10:15 AM	South Ballroom A
Session 10	Uninterruptible Power Systems	8:30 AM – 10:15 AM	South Ballroom B
Session 12	PWM Techniques	8:30 AM – 10:15 AM	Avalon
Session 14	Modeling of Parasitics and Interconnects	8:30 AM – 10:15 AM	Marina 1
Special Presentation Session 1 - Future Directions In Silicon And Nano Technologies		8:30 AM – 10:15 AM	Marina 4
Exposition Hall Open		10:30 AM – 2:00 PM	Terrazzo Room/Exhibit Hall
Exhibitor Seminars See Exposition Directory For Seminar Descriptions		11:00 AM – 11:45 AM	North & South Ballroom's
Session 15	AC Motor Drives	2:00 PM – 5:30 PM	North Ballroom A
Session 16	Power Quality and Utility Interface	2:00 PM – 5:30 PM	North Ballroom B
Session 17	DC-DC Converter Circuits	2:00 PM – 5:30 PM	South Ballroom A
Session 18	EMI and EMC	2:00 PM – 5:30 PM	South Ballroom B
Session 19	Single-Phase Power Factor Correction	2:00 PM – 5:30 PM	Avalon
Session 20	Modeling of DC-DC Converters	2:00 PM – 5:30 PM	Marina 1
Special Presentation Session 2 - Current Topics In Power Electronics Research		2:00 PM – 5:30 PM	Marina 4
Conference Banquet		TBD – 10:00 PM	Disney California Adventure

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Thursday, February 26

Registration Desk Open		8:00 AM – Noon	Center Lounge
Session 21	Multilevel and Matrix Converters	8:30 AM – 11:30 AM	North Ballroom A
Session 22	Synchronous Rectifiers	8:30 AM – 11:30 AM	North Ballroom B
Session 23	Soft-Switching and High Density DC-DC Converters	8:30 AM – 11:30 AM	South Ballroom A
Session 24	Magnetics	8:30 AM – 11:30 AM	South Ballroom B
Session 25	HID Lamp Ballasts	8:30 AM – 11:30 AM	Avalon
Session 26A	Distributed Power Systems	8:30 AM – 9:45 AM	Marina 1
Session 26B	Gate Drives and Power ICs	10:15 AM – 11:30 AM	Marina 1
Special Presentation Session 3- Future Directions In Semiconductors For Power Electronics		8:30 AM – 11:30 AM	Marina 4
Dialogue Sessions See Advance Program for Details on Specific Sessions		11:30 AM – 2:00 PM	Terrazo Room/Exhibit Hall
Session 27	Practical DC-DC Converters	2:00 PM – 5:30 PM	North Ballroom A
Session 28	PM Machine Drives	2:00 PM – 5:30 PM	North Ballroom B
Session 29	Transportation Applications	2:00 PM – 5:30 PM	South Ballroom A
Session 30	PFC Control Techniques	2:00 PM – 5:30 PM	South Ballroom B
Session 31	Thermal Management	2:00 PM – 5:30 PM	Avalon
Session 32	Multiphase and Multistage VRMs	2:00 PM – 5:30 PM	Marina 1
Session 33A	Modeling of Buck DC-DC Converters	2:00 PM – 3:45 PM	Marina 4
Session 33B	Sensorless and On-Line Tuning	4:15 PM – 5:30 PM	Marina 4