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Power Electronics Japan Forum 2010 from Silicon to SiC and GaN

Final Agenda

Lyon, France – May 25, 2010 – Yole Développement and its Japanese partner, Global Information, are glad to present the Power Electronics Japan Forum. This 2-day seminar will take place, next week, at Four Seasons Hotel, Tokyo, Japan and will gather the most important Power Electronics experts. Through conferences, exhibition and networking, feel free to register you online on the website: http://www.the-infoshop.com/conference/power-electronics-japan10/

This 2-day seminar, on June 1&2, will begin with a review the main market metrics from devices to applications and current state of the art of the Silicon-based power electronics. It will then explore the capabilities of GaN and SiC to disrupt that equilibrium and will highlight the recent developments in a selection of applications.

Yole Développement and Global Information are pleased to present the final agenda:

On June 1st, 2010

Overall power electronics market - From 9:00 AM to 10:30 AM
- Power electronics market: a global overview
  Dr Philippe Roussel, Project Manager, Yole Développement
- Innovative power device technologies and system solutions for a greener world
  Jean-Benoit MOREAU, Product Marketing Director, STMicroelectronics
- Technology trends in energy efficient power semiconductors
  Marnix Tack, Senior Director Power Technology Centre, Corporate R&D, On Semiconductor

High voltage applications - From 11:00 AM to 12:30 AM
- Market for IGBT module in the rail traction
  Brice Le Gouic, Market Analyst, Yole Développement
- New trends in power system thermal management
  Michel Mermet, R&D innovation technical director PRIMES, Alstom
- High Voltage power inverter: from Si to SiC
  Jared Hornberger, Director of Manufacturing, Arkansas Power Electronics International

EV and HEV – From 2:00 PM to 3:30 PM
- Power electronics market for EV and HEV
  Brice Le Gouic, Market Analyst, Yole Développement
- Japanese SiC national projects: Past, Present and Future-
  Dr. Hazime Shimizu, Energy Semiconductor Electronics Research Laboratory, AIST & FED
- Power Electronics in more electric transportation
  James McGonigal, Executive, Power and Control Technologies, Raytheon Systems

Green-tech is pushing for improved power devices: what, where, when and how? Round table – From 4:00 PM to 5:00 PM
Moderator: Dr P. Roussel, Project Manager / B. Le Gouic, Market Analyst, Yole Développement
On June 2nd, 2010

SiC power electronics – From 9:00 AM to 10:30 AM

- SiC market: a 10-year projection
  Dr Philippe Roussel, Project Manager, Yole Développement
- SiC power device development: material needs and recent results
  Greg Mills, Materials Business Sales and Marketing Manager, Cree
- SiC J-FET recent developments
  Jeff Casady, CTO, SemiSouth

SiC and GaN new substrates – From 11:00 AM to 12:00 AM

- Technical trends and market size of SiC and GaN substrates
  Dr Philippe Roussel, Project Manager, Yole Développement
- GaN-on-Silicon: a revolution to make GaN technologies affordable
  Markus Sickmoller, VP Operations, Azzurro

Silicon wafer market and technology – From 2:00 PM to 3:30 PM

- Silicon wafer market for power electronics: CZ, FZ and thin wafers
  Brice Le Gouic, Market Analyst, Yole Développement
- Title: to be defined.
  EV Group
- In search of excellence: pushing the limits of silicon
  Jorgen Bodker, VIP, Logistics, Sales & Marketing, Topsil Semiconductor Materials
- Temporary wafer bonding process development and production for power device manufacturing
  SUSS MicroTec

How fast could SiC and GaN take market shares over silicon? Round table – From 4:00 PM to 5:00 PM

Moderator: Dr P. Roussel, Project Manager / B. Le Gouic, Market Analyst, Yole Développement

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About Global Information Inc.
Global Information, Inc. (GII) is the world’s leading aggregator for premium business intelligence and market research products. Established in 1984 headquartered in Japan, GII has been providing quality products and excellent customer service over the past 2 decades.

Created in 1998, Yole Développement is a market research and strategy consulting firm analyzing emerging applications using silicon and/or micro manufacturing. With 20 full time analysts tracking MEMS, Microfluidics, Compound Semiconductor, Power Electronics, Photovoltaic, Advanced Packaging and Nanomaterials, Yole Développement supports companies and investors worldwide to help them understand markets and follow technology trends.

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- Market research and market data
- Technology analysis
- Market workshop
- Strategy consulting
- M&A support, fund raising and due diligence

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- Critical news, Bi-weekly: Micronews, the magazine
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Publications
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- Players & technology databases and market data
- Manufacturing cost simulation tools
- Component reverse costing analysis

May 25, 2010