

PCIM Asia 2011 Final Report



PCIM Asia 2011

10th International Exhibition and Conference for

Power Electronics

Intelligent Motion

Power Quality

21-23 June 2011

Shanghai, China

PCIM Asia 2011 Exhibition

The 10th PCIM Asia Event was successfully held at Shanghai International Convention Center from 21-23 June in Shanghai, China.

From latest developments of power semiconductors, passive components, products for thermal management, new materials, sensors as well as servo-technology and the wide area of power quality and energy-management - PCIM Asia offers a comprehensive, focused and compact presentation of products all under one roof.

PCIM Asia proved its significance as the leading event for Power Electronics in China. The event provided the optimum platform for the successful development of business relations and strengthening of contacts in China.

PCIM exhibition this year attracted many international companies from Europe, the USA and Asia such as CT-Concept, Vincotech, Hitachi, CSR, Infineon, Fuji, Mitsubishi, Rogers, SEMIKRON etc, which provide a large overview on the market.

Meanwhile, a large quantity of Chinese companies joined this power electronics event as well, such as Xi'an Baren Technology, ITG, Shenzhen Bronze Technology, Miqam Microelectronics Materials Co., Ltd, Starpower Semiconductor, Hubei TECH SEMICONDUCTOR etc.

The number of exhibitor has grown significantly by over **14%** to 50 exhibitors. They presented their newest products and solutions for pressing problems such as regenerative energy sourcing, power consumption and electric vehicles.

PCIM 2011 Show Facts:

| | | |
|-------------------|------------------|---------------------------|
| Exhibitors: | 50 | (Increased by 14%) |
| Exhibition Space: | 3,300 SQM | (Increased by 10%) |
| Trade Visitors: | 2,967 | (Increased by 3%) |

PCIM Asia 2011 Conference

PCIM Asia Conference was being held in parallel to the exhibition at the same location and under one roof. This unique combination provides an excellent platform for active commutation between conference participants and exhibitors. Conference delegates, trade visitors and exhibitors benefit from the exchange of the conference and exhibition.

PCIM 2011 Conference Facts:

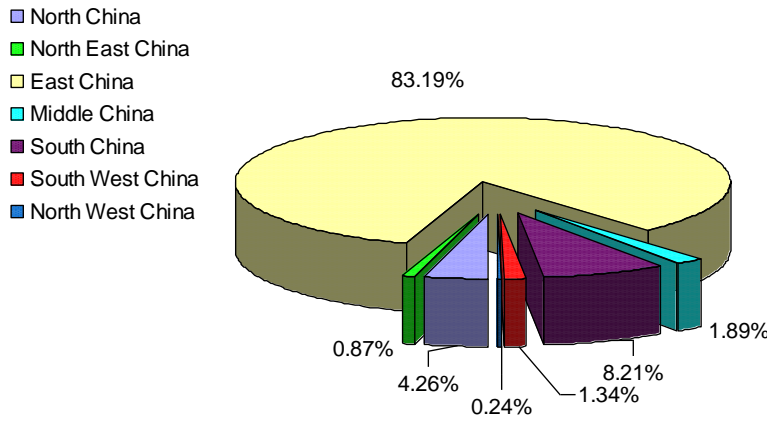
| | |
|------------------------|--|
| Conference Delegates: | 368 |
| Conference Paper: | 56 |
| Keynotes Presentation: | 3 |
| Conference Awards: | 2 |
| Conference Highlights: | Industrial Session (Smart Grid and E-mobility) |

Conference Director: Leo Lorenz (Infineon Technologies, Germany)

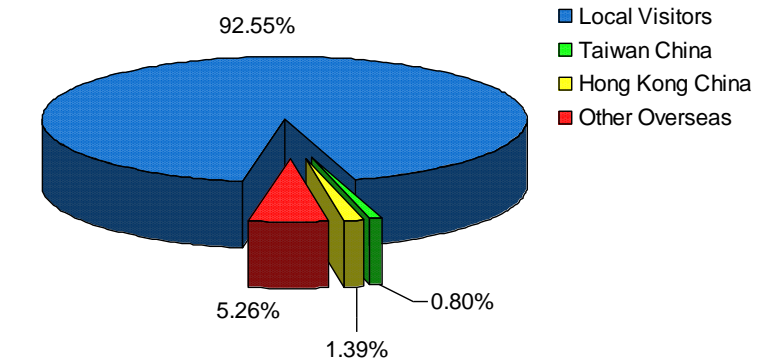
Supported by **27** members of the board of directors and technical committee

Visitors Breakdown

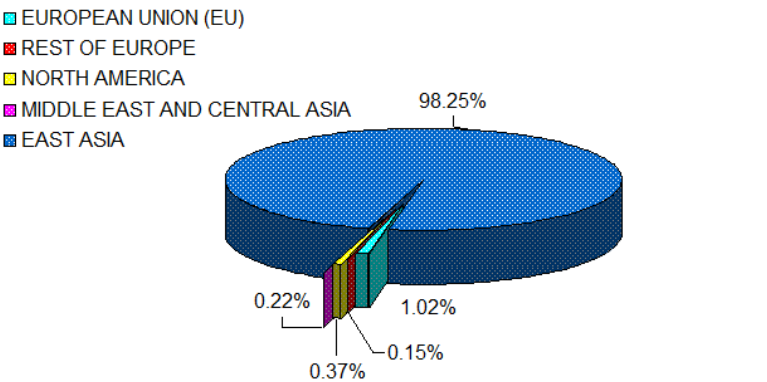
By Region One



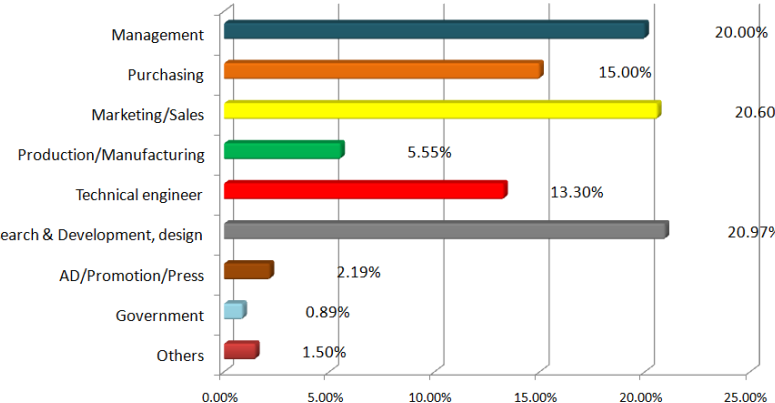
By Region Two



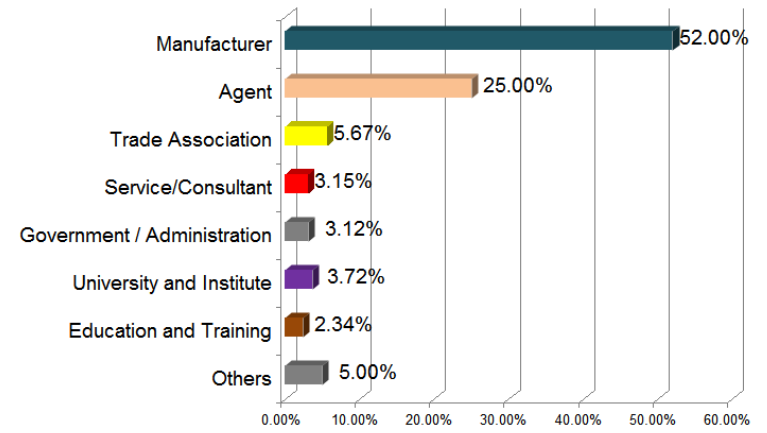
By Region Three



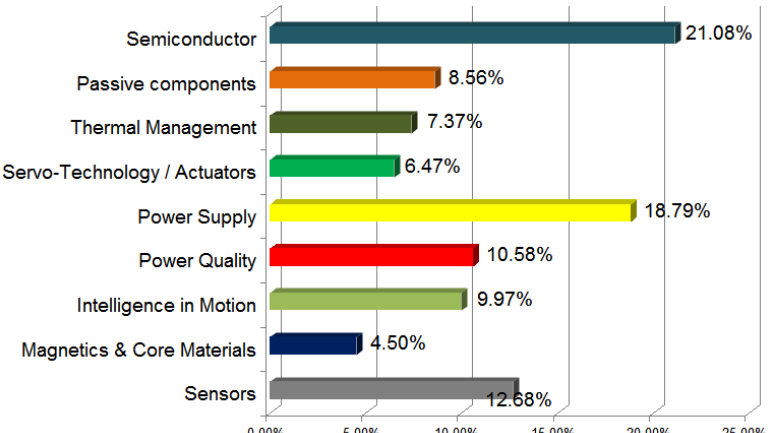
By Job Function



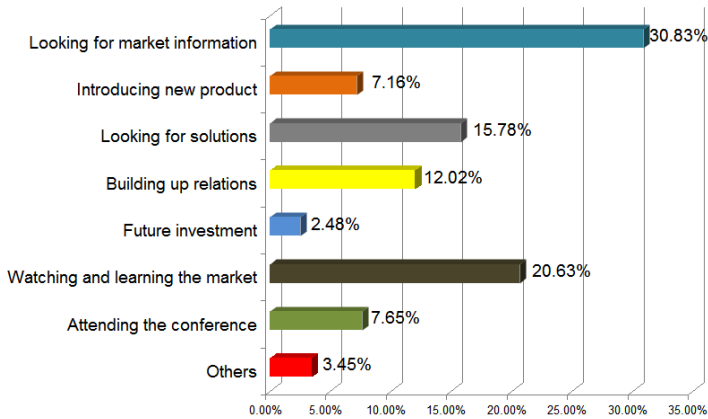
By Company Primary Activity



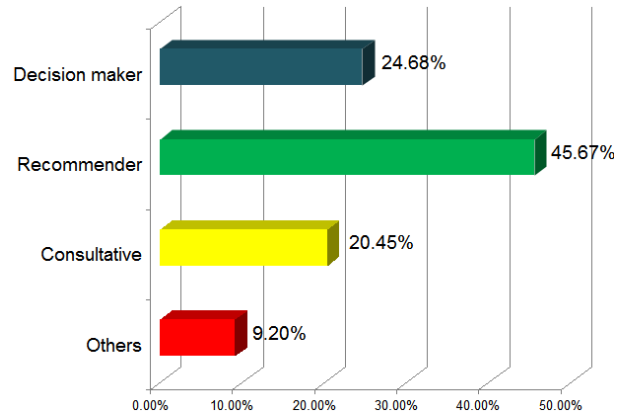
Interested at



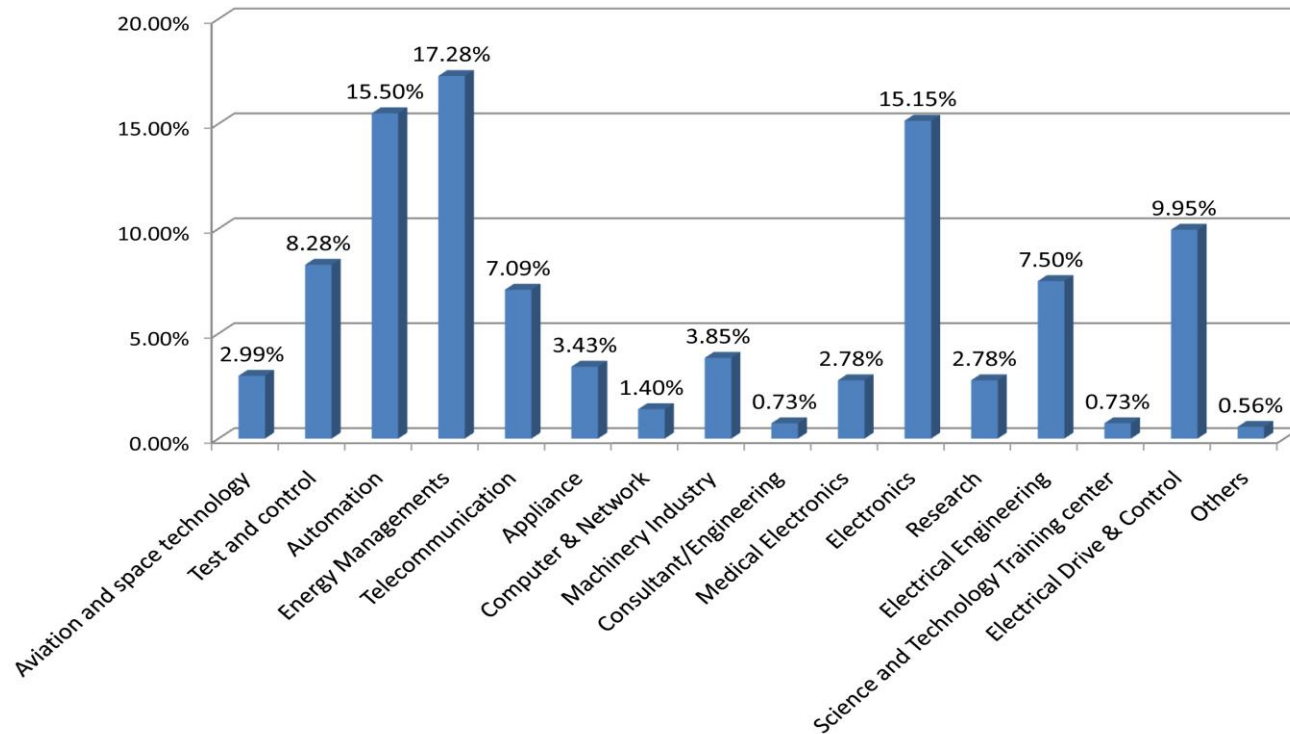
Purpose of Visiting



By Decision Making Power



By Industry



PCIM 2011 Well-known Exhibitors (Partially)



Exhibitors Breakdown: Chinese companies: 26%
 International Companies: 40%
 International Companies with representations / subsidiaries in China or Asia: 34%

PCIM Asia 2011 Conference

The international Board of Directors and Technical Committee, under the leadership of Prof. Leo Lorenz, Infineon Technologies, Germany, selected in total **56** presentations out of numerous submissions to compile a high quality conference program.

PCIM Asia 2011 Conference is highlighted by “Energy Efficiency, Sustainability and Environmental Protection”. The Conference itself is offering the right platform for discussing future devices and power electronics system development.



PCIM Asia 2011 Conference Highlights:

Three Keynotes:



The Future of the Medium Voltage Inverter – Cascade or Multi-level?

Dapeng Zheng, Emerson Network Power Co Ltd, China



Driving eGaN™ FETs in High Performance Power Conversion Systems

Alexander Lidow, Efficient Power Conversion Corporation, USA



Research on High Temperature Superconducting Permanent Magnet Synchronous Motor

Liyi Li, Harbin Institute of Technology, Harbin, China

Industrial Session: Smart Grid and E-Mobility

High Performance Ultrafast Charging Infrastructure for e-Mobility

Enrique Dede, IFIC University of Valencia, Spain

Solar – Grid Integration of Solar Energy – Perspectives in Future Energy Supply Technology

Prof. Dr. Peter Zacharias, University of Kassel / ISET e.V., Germany

Energy Storage – Review and Future Trends

Georges Herman, Shanghai C&D Battery Co., Ltd China

Wind – Future Electric Grid with High Levels of Renewables

Xiaoming Yuan, Huazhong University of Science and Technology, China

Gallium Nitride Power MOSFET Characterization and Application

Linhua Wang, Emerson Network Co., Ltd, China

368 conference participants from different countries attended PCIM Asia 2011 Conference.

Conference Awards:



Young Engineer Award – Sponsored by Infineon

Junyi Liu, University of Nottingham, United Kingdom

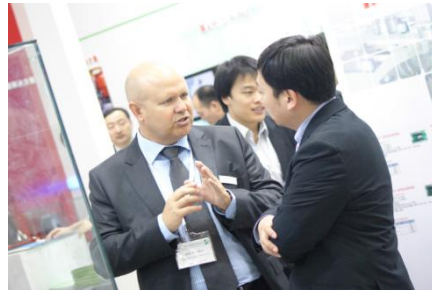


Best Paper Award – Sponsored by Mitsubishi

Xing Zhang, Hefei University of Technology, China

All presentations are published in the official PCIM Asia Conference proceedings and IET Inspec.

PCIM Asia 2011 Exhibition Photo Gallery



PCIM Asia 2011 Conference Photo Gallery



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See you at PCIM Asia 2012. Visit us at www.pcim-asia.com