

EMBEDDED DESIGNS & SOLUTIONS SEMINAR



Programme Outline:

- 1. Opening Speech & Introduction to Xilinx**
Speaker: Philip Wong (Xilinx: Director, APAC)
- 2. Track 1: Embedded Designs - How To Get It Done**
Synopsis: Overview of a real world design process and understand how FPGA is being used. In addition, discuss on the myriad of power issues in modern embedded design and the OS & User GUI considerations

Speaker: Glenn West (AAR Corp: Regional Network Manager)
- 3. Track 2: Running RTOS on Xilinx Embedded Processor**
Synopsis: Did you know that Microblaze is now a high performance microprocessor? The speaker will introduce the Microblaze, PowerPC and how EDK 10.1 will allow customers to design the highest performance systems. An overview of customer designs can now include Microblaze with MMU and fully capable of running real Linux will also be discussed, plus native support in EDK10.1i for the MPMC3, TEMAC and PCIe hard and soft blocks, and USB.

Speaker: Hong Swee LIM (Xilinx: Senior Manager, DSP & Embedded Product Marketing)
- 4. Track 3: DSP Design Automation Using Xilinx FPGAs**
Synopsis: Highlight the advantage of using Xilinx silicon and software solutions to reduce DSP development cycle time, specifically for Wireless and Video/Imaging related applications.

Speaker: Hong Swee LIM (Xilinx: Senior Manager, DSP & Embedded Product Marketing)
- 5. Track 4: Power Solutions for FPGA**
Synopsis: Quick overview of Murata Power Solutions. A quick overview of MPS product range and offerings. Specific products to support FPGA applications.

Speaker: Kulbir Dhillon (Murata Power: Director, Global Business Development)
- 6. Track 5: Where Embedded Linux Is Today**
Synopsis: Embedded Linux development is growing at a rapid pace, and has hurdled many technical barriers. Find out what obstacles have been surmounted, and what challenges remain for embedded Linux developers, from the point of view of someone with insight into the results of hundreds of development teams around the world.

Speaker: Julian Hsu (Monta Vista: Director, Business Development)
- 7. Track 6: Ultra Low Power Wireless Sensor Networks**
Synopsis: Presentation of Nordic Semiconductor's wireless products and how these quickly can facilitate embedded solutions with wireless control and sensor input.

Speaker: Salas Lau (Nordic: Engineer, Field Applications, APAC)
- 8. Lucky Draw & Closing Note**