



Complimentary Session

Microsystems - Technical Communication Series 29 March 2011, 8.30am - 5.00pm

Challenges in Design and Testing of Next Generation High Speed Board
Embedded xPLC System Design
PCB Technology, IPC Standards & Lead-Free Electronics
RF and Microwave Test & Measurement

Jointly Presented By:

IPC Association Connecting Electronics Industries
National Instruments
Polar Instruments
Rohde & Schwarz
Sophic Design Automation & Aljaroom Resource

For more information and enquiries contact us at:

Selangor Human Resource Development Centre

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Program At A Glance

8:30am - 9.00am	Registration (2nd Floor—Auditorium)			
9.00am - 9.20am	Introduction to SHRDC and Microsystems Technology Division			
9.20am - 10.00am	Introduction to Participating Companies			
10.00am -10.30am	Tea Break and Networking Session			
10.30am -12.30pm	Track A : Emerging Trends in RF & Microwave Design Flow Francis Leong, Singapore			
12.30pm - 2.00pm	Lunch Break and Networking Session			
Break-out Sessions [2pm=4.30pm] 15mins break@3pm				
Track B: 4th Flr Room: TBD	Track C: 4th Flr Room: TBD	Track D: 4th Flr Room: TBD	Track E : Gnd Flr PCB Fab Lab	Track F : 4th Flr Room: TBD
<u>Rohde & Schwarz</u> RF Product Test & Measurement	<u>National Instruments</u> , Software-Defined Semiconductor Chip Test,	<u>IPC China</u> Introduction to IPC Standards & DVD Session on Lead-free electronics	<u>Sophic Design</u> Embedded xPLC System & PCB Services (fabrication) Introduction	<u>Polar Instruments</u> Challenges in Design & Testing of Next Generation High Speed PCB Boards
Andreas L.Larsen, Germany	Hing Wai Toong, Malaysia	James Liu, China	Koh Dim Kuan, En. Wan, Malaysia	Amit Bhardwaj, Asia Pac
Demo & Hands-on	Demo & Hands-on	IPC Video Session		Hands-on
4.30pm — 5.00pm	Return to 2nd Floor Auditorium Participants feedback, appreciation gift & sur"prize" winners announcement.			

Upcoming Events : Open for registrations

Shah Alam, SHRDC

30-31 Mar : Introduction to ESD for Manufacturing and Non-Manufacturing

4—7 April : IPC 610E CIT Acceptance of Electronic Assemblies (Certified Trainer)

11-13 April : IPC 600 CIS Acceptance of Printed Board Fabrication (Certified Specialist)

Penang, Eastin Hotel

26-28 April : Dr. Eric Bogatin's High Speed Seminars [SI and Differential Pairs]

Kuala Lumpur, Crowne Plaza Hotel

19-20 July : 3rd Asia Symposium of Quality Electronic Design, ASQED 2011

Speakers' Profile:

Amit Bhardwaj is a graduate of IIT, Roorkee, India with an honors degree in Electronics and Communication Engineering, and holds a postgraduate degree in Masters of Business Administration with specialization in International Marketing from University Malaya, Kuala Lumpur, Malaysia. Currently Amit is Chairman cum Managing Director of Polar Instruments Asia Pac group of companies which has offices in Singapore, Japan and China. Polar Asia Pac is a leading provider of design & test solutions for the high speed PCB industry in Asia Pacific region.

Andreas L. Larsen, is currently Rohde & Schwarz's ASEAN Regional Manager, Mr Andreas Larsen had spent 21 years in the field of RF Test and Measurement and is well experienced, covering market segments such as Aerospace and Defense (A&D), Research & Development (R&D), Manufacturing and Test Institutes.

Francis Leong joined AWR in 2009 as Regional Manager. He had spent 14 years with Agilent EEsof, taking up roles from application engineering and technical consulting in the Asia Pacific Region. In his last six years with Agilent EEsof, he managed the operations of Agilent's device modeling center in Singapore.

Hing Wai Toong, Field Sales Engineer, National Instruments Malaysia. Mr. Hing Wai Toong graduated from Multimedia University (Cyberjaya) Malaysia with a degree in Electronics majoring in Telecommunications. He has 3 years experience in semiconductor test with LabVIEW-based automated functional test for networking devices. Wai Toong joined National Instruments 4 years ago as an Applications Engineer, and conducted numerous training courses in LabVIEW and Data Acquisition as well as Programmable Automation Controller (PAC) seminar. Mr. Hing Wai Toong is currently a Field Sales Engineer based in KL.

James Liu, graduated from the famous Xi'an Jiaotong University, China, majoring in welding and soldering. He has been working in the electronic production industry for more than 20 years. Since September 2008, he joins IPC as a director of technology and standardization. He is also an internal auditor of ISO 9001, ISO-14000 and ISO-18000. James is a MIT of IPC-A-610, IPC-7711/21, IPC-A-600, IPC-A-620 and J-STD-001. He is also a experienced engineer on ESD control and management of electronic production line.

Koh Dim Kuan, graduated from Sheffield Hallam University with Bachelor-Degree in Electronic System Engineering. Before joining Sophic Design, DK was an accomplished technical leader of PciE (Gen1/Gen2) electrical validation team in a leading semiconductor MNC. He specializes in post silicon high speed interface electrical validation and debug. A very hands-on technical lead, DK has mentored a number of junior engineers as well as been key to the resolution of numerous high speed board design issues. At present, DK is the Electronic Engineering technical consultant for SHRDC.

En.Wan, graduated from University of Malaysia with Bachelor-Degree in Mechanical Engineering. Prior to Aljaroom Resource, En.Wan has 8 year services experience in a local MNC equipment maintenance / development division & leading the team to deliver & support High Volume Manufacturing friendly process. After that he decided to venture a next level challenge in setting up a technology-based content development company, which is currently known as Aljaroom Resource Sdn. Bhd. At present, he is an executive director of the company to strategize business direction.

Registration Form [Fax:+603-55133490, mims@shrdc.org.my]

Title **Microsystems Technical Communication Series, 29 March 2011**

Company Name _____

Address _____

Contact person _____

Tel. No _____

Fax No. _____

Email _____

Tick any below future training programs applicable to you, and be sur”prized” on 29 March 2011.

asqed 2011 Dr. Eric Bogatin’s Courses PCBA or PCB Design Training (Int’l Certification)

Details of Participant(s):

NO	Participant’s Full Name	Designation	Department	
1				
2				
3				
4				
5				

Approved by:

Signature _____

Date _____

Full Name _____

Company Stamp

Designation _____

Disclaimer:

SHRDC and Malaysian Institute of Microsystems (MIMs) have the right to change any part of the program deemed suitable without prior notice.

Organized by :



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