

Manufacturing Process Improvement & Optimisation Seminars

Monday 21st April 2008 at the Protea Hotel in Stellenbosch

Tuesday & Wednesday 22nd/23rd April 2008 at the Protea Hotel in Midrand

Thursday 24th April 2008 at the Riverside Hotel in Durban

This seminar is a must for anyone interested in learning about the process of electronic manufacturing, with speakers from the USA & Europe including Phil Zarrow, Richard Boyle & Keith Bryant, it is going to be an outstanding chance to gain knowledge, much of which, many of us will never be exposed to again in our lifetime.

Phil Zarrow has over thirty years of experience, including the circuit board fabrication industry, assembly, both through-hole and surface mount technologies, he is recognised as an authority in the surface mount technology processes and methodologies. This is his first time ever to our shores and should NOT be missed.

Richard Boyle has been involved with the soldering process for over twenty years, and comes with a vast history of experience and knowledge, including the lead free process implementation in Europe.

Keith Bryant has become the adopted son of the South African electronics industry, and carries a wide and varied knowledge of the electronic manufacturing process gained over many years of detailed exposure to the entire process.

There will also be a table top exhibition of related products from overseas companies, as well as many of the local agents and suppliers to the industry.

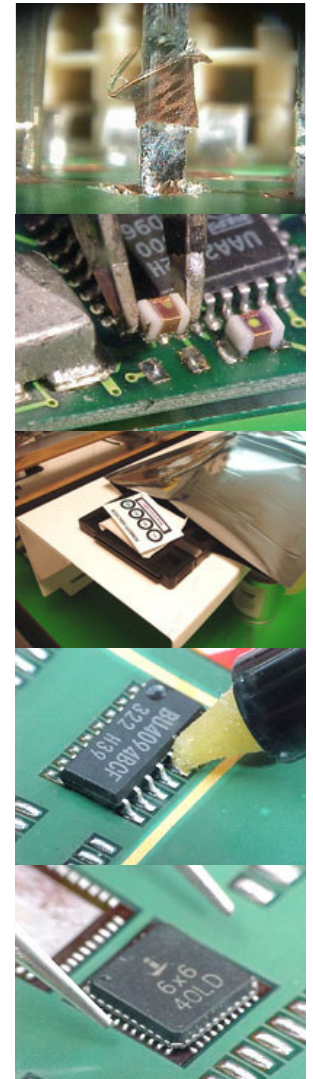
The Seminar will cover:

- **Component & Process Materials Selection** (Component Selection, Bare Boards, Lead Free, Moisture & Humidity, Solderability & Adhesives)
- **Screen Printing Process & Stencil Design** (Materials & Manufacturing Developments, Optimisation, Machine Set-up & Lead Free)
- **Board Handling** (Pitfalls in the process to improve yield, ESD & Quality Issues)
- **Assembly Process for SMT & Thru-Hole** (Automation & People, New Technologies, Pin in Hole, BGA's & Process Improvement)
- **Wave Soldering & Reflow** (Making or Breaking the Process, Equipment Set-up, Optimisation & Controlling the Quality of the Soldering Process)
- **Equipment Evaluation** (What you need to buy, Making CAPEX purchasing "Future Proof")

If you need to analyse manufacturing problems, improve production yields, increase profitability and make your company stronger, then YOU need to attend !

Who should attend ?

All managers, production engineers, NPI engineers, process engineers, quality engineers, procurement officers, supervisors, and anyone who interfaces, or is involved in, the manufacturing process.



To book your place fax your booking form to SMART Group SA registration 011 908 6488

Please reserve _____ places at the seminar on Monday 21st April 2008 in Stellenbosch
(R 850 SMART Group members / R 1150 Non members) (10% discount for payment made by 28th March 2008)

Please reserve _____ places at the seminar on Tuesday 22nd April 2008 in Midrand
(R 850 SMART Group members / R 1150 Non members) (10% discount for payment made by 28th March 2008)

Please reserve _____ places at the seminar on Wednesday 23rd April 2008 in Midrand
(R 850 SMART Group members / R 1150 Non members) (10% discount for payment made by 28th March 2008)

Please reserve _____ places at the seminar on Thursday 24th April 2008 in Durban
(R 850 SMART Group members / R 1150 Non members) (10% discount for payment made by 28th March 2008)

Name: _____ Name: _____

Email: _____ Email: _____

Company: _____ VAT Number: _____

Postal Address: _____

Telephone: _____ Fax: _____

Signature: _____ Date: ____ / ____ / ____

Banking Details: SMART Group SA
First National Bank
Branch Code: 252155
Account Number: 62152547661
Cheque Account

Detailed Directions etc. will be sent after registration



ITM Consulting



**BOOK NOW !
Places strictly limited to ensure seminar quality**

SMART Group SA Event Diary 2008

April 21st	Manufacturing Process Improvement	Stellenbosch
April 22nd	Manufacturing Process Improvement	Midrand
April 23rd	Manufacturing Process Improvement	Midrand
April 24th	Manufacturing Process Improvement	Durban

Table Top Exhibition Space

If you would like a table top exhibition space at a SMART Group SA event please contact Merina to discuss availability at the date in question

SMART Group SA Facsimile: 011 908 6488
info@smartgroupsa .org www.smartgroupsa.org www.leadoutproject.com