

# ***A to Z of Soldering Seminars***

***Monday 13<sup>th</sup> Oct 2008 at the Lagoon Beach Hotel in CapeTown***

***Tuesday & Wednesday 14<sup>th</sup>/15<sup>th</sup> Oct 2008 at the Protea Hotel in Midrand***

***Thursday 16<sup>th</sup> Oct 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 Europe including Alan Hobby, Richard Boyle & Catherine Bader. 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.

Alan Hobby's core activity is solder paste printing and is recognized as a source of technical expertise within the industry. He has been a Technical Committee member of Smart Group since 2003.

Richard Boyle has been involved with soldering for over twenty years, including the lead free process implementation in Europe. Catherine Bader is with a leading European solder manufacturer, and has a good understanding of all aspects of soldering.

In addition to the seminar a tremendous new feature will be for the first time in South Africa. A panel of world class experts will review images of solder related problems and comment on their causes & solutions. This will provide a valuable insight to anyone involved in the process, added to an excellent seminar, it makes a learning opportunity which should not be missed.

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.

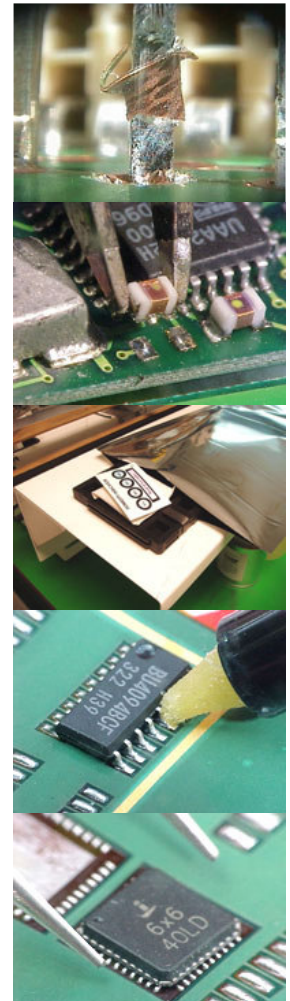
## **The Seminar will cover:**

- **Advances in Surface Mount Adhesives**, including corner bonding BGA's
- **Better Soldering Materials for Wave & Reflow**, Lead-Free, No Clean or not flux
- **Complete answer to Printing**, stencils, printers and enclosed heads
- **Everything related to Wave and Selective Soldering**, equipment, nitrogen, dross, etc
- **Getting good results from Reflow**, machine options, nitrogen or not, profiling
- **Tin Whiskers and other nasties**, is there a solution
- **Unclean Assemblies**, what are the issues
- **When are machines better than inspectors**, AOI & X-Ray or People
- **Xtra Feature**, A panel of international experts will review images of soldering related faults and comment on probable causes and solutions

**If you need to know anything about solder and the soldering process, increasing production yields and making your company stronger, then YOU need to attend !**

## **Who should attend ?**

All managers, production engineers, NPI engineers, process engineers, quality engineers, procurement officers,



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

Please reserve \_\_\_\_\_ places at the seminar on Monday 13<sup>th</sup> Oct 2008 in Cape Town  
( R 700 SMART Group members / R 1100 Non members) (10% discount for payment made by 29<sup>th</sup> August 2008)

Please reserve \_\_\_\_\_ places at the seminar on Tuesday 14<sup>th</sup> Oct 2008 in Midrand  
( R 700 SMART Group members / R 1100 Non members) (10% discount for payment made by 29<sup>th</sup> August 2008)

Please reserve \_\_\_\_\_ places at the seminar on Wednesday 15<sup>th</sup> Oct 2008 in Midrand  
( R 700 SMART Group members / R 1100 Non members) (10% discount for payment made by 29<sup>th</sup> August 2008)

Please reserve \_\_\_\_\_ places at the seminar on Thursday 16<sup>th</sup> Oct 2008 in Durban  
( R 700 SMART Group members / R 1100 Non members) (10% discount for payment made by 29<sup>th</sup> August 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

**Detailed Directions etc. will be sent after registration**



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

## **SMART Group SA Event Diary 2008**

Oct	13 <sup>th</sup>	A to Z of Soldering	Cape Town
Oct	14 <sup>th</sup>	A to Z of Soldering	Midrand
Oct	15 <sup>th</sup>	A to Z of Soldering	Midrand
Oct	16 <sup>th</sup>	A to Z of Soldering	Durban

## **Table Top Exhibition Space**

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

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