

# Advancements in PCB Assembly Technology

Tuesday 13<sup>th</sup> March 2012

Henkel Ireland, Tallaght, Dublin, Ireland

*9.30am - Coffee & Registration - Seminar starts at 10.00am. Lunch and refreshments included*

Technology, economics, new materials and processes are key factors in selection for future product designs. Often there are competing requirements during the selection process. This event is a unique opportunity to hear the latest advances in production processes in manufacture. Delegates will be able to compare materials & processes to see if they meet their future needs. Speakers include *Jan Wijgaerts & Cindy Doumen* from Henkel and *Bob Willis* from SMART Group

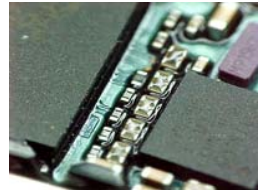
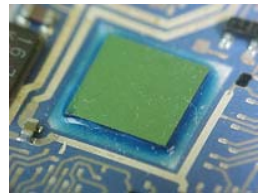
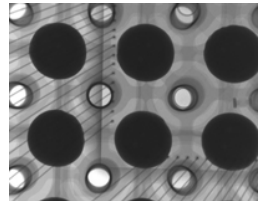
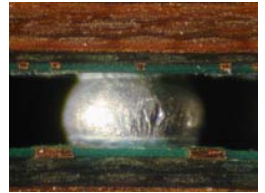
## The workshop will cover:

- Solder Alloys for High & Low Temperature Applications
- Conductive Adhesives
- Area Array Package Assembly Requirements
- Underfilling Processes
- Underfill Materials and Reliability
- Convection or Vapour Phase Reflow
- Selective Reflow or Selective Soldering
- Advances in Soldering Materials
- Conformal Coating

## Who should attend?

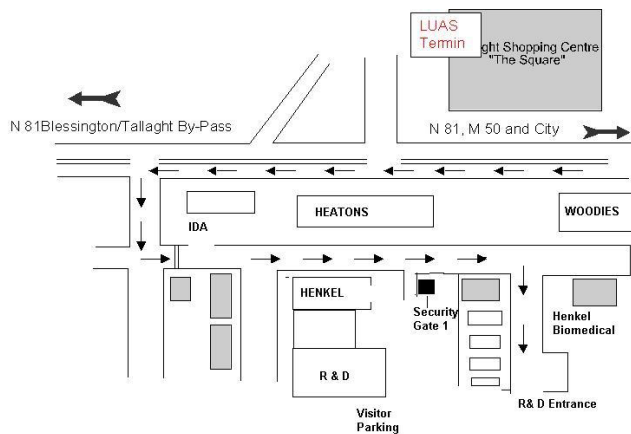
If you are involved in PCB design or procurement, SMT assembly as a Line Manager, Process Engineering or QA then this workshop will bring you up to date with new materials and processes. This is particularly true if you are subcontracting your products for assembly or if you are a subcontractor tasked with looking at new process introduction. It's an ideal way of asking and finding out what is actually happening in industry today

The SMART Group supports the uBGA European Project FP7-SME-2008-2-243653



*SMART Group Update  
on our EU Projects*





## Instructions for visitors

- Stop at the Security Hut at Gate 1 to pick up your badge.
- If you are travelling by car, proceed to Gate 3 for admittance.
- Then drive to the parking area for visitors in front of the R & D reception.



SMART Group Update  
on our EU Projects



To book your place, fax booking form to SMART Group registration +353 1 8186321 or scan a copy and email to [admin@smartgroupireland.com](mailto:admin@smartgroupireland.com)

Please reserve \_\_\_\_\_ places at the SMART training seminar on Tuesday 13th March (€125 SMART Group members/€250 Non members)

Additional Offer (SMART Members only): Send two delegates and a third goes free

Name: \_\_\_\_\_ Name/s: \_\_\_\_\_

Company: \_\_\_\_\_ Address: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_ @ \_\_\_\_\_

Emails: \_\_\_\_\_ @ \_\_\_\_\_

Card type: Visa / MasterCard/Laser Card Card no: \_\_\_\_\_

Name of Cardholder: \_\_\_\_\_ Card expiry date: \_\_\_\_\_

Card security code: (3 digits on back of card) \_\_\_\_\_

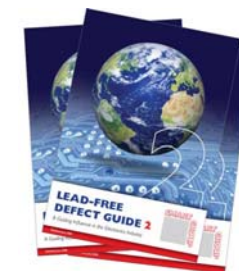
Signature: \_\_\_\_\_

## Table Top Exhibition Space

If you would like table top space at future SMART Group Ireland events please contact Philip O'Rourke to discuss availability +353 (0)86 8061998



SMART Group Ireland 1A Fairview Ave,  
Lower, Fairview, Dublin 3 Ireland  
Telephone: 00 353 (0)86 806 1998  
Facsimile: 00 353 1 8186321  
[admin@smartgroupireland.com](mailto:admin@smartgroupireland.com)  
[www.smartgroup.org](http://www.smartgroup.org)



Get your free Lead-Free Defect Guide from SMART Group

Ask SMART Group about on site training workshop just for your team