

March 16th, 2012 FRIDAY
10:00 A.M. to 2:30 P.M.

\$35 Members

\$55 Non Members

Lunch Included

Please respond ASAP by March 12th,
2012 if you are planning to attend by
sending an email to bcrane@bird-
technologies.com



Connector

Rockwell Automation Twinsburg, OH Plant Tour

9:30am—10:00am **Registration**

10:00am—10:45am **Conformal coat over no-clean**

Presented by Jeff Sargeant from HumiSeal via WebEx

10:45am—11:15am

Conformal Coat Equipment Evaluation and Process Development

Presented by Ashok Wadhwa from Rockwell Automation

11:15am—11:40 **Wave Solder Improvement**

Presented by Dan Coada from Rockwell Automation

11:40am—12:30pm **Lunch**

12:30pm—1:00pm **0.4 mm CSP process development**

Presented by Kevin Liticker from Rockwell Automation

1:00pm—1:30pm **0201 Chip Process development**

Presented by Greg Vance of Rockwell Automation

1:30pm—2:30pm **Rockwell plant tour**

2:30pm—2:45pm **Closing words and meeting wrap up**

Special note

You will need a photo ID to enter the building



Ever feel like your all alone with
your circuit board problems

Join the SMTA today for \$75

Let us help solve your problems

New members get their first
meeting free!

We have recently added the option
to pay for a chapter meeting by **PAY
PAL**. Just go to SMTA.org and navi-
gate to the Ohio Valley chapter.
There will be a buy now button that
you can click on. Above that it has
the meeting date that you are paying
for.

Don't forget to pencil in July 11th,
2012 for the Vendor tech expo. Spots
fill up quick for the show participants
so be on the look out and act quickly
so you get your spot.

If you have any questions please con-
tact one of the officers. We want this
to go as smooth as possible for you.

This event is key to the success of
your chapter!

Rockwell Automation Twinsburg, Oh

8440 Darrow Road Twinsburg, OH 44087 (corner of Rt 91 and Highland Road

Park in North West Lot and enter through the main entrance on the North end of the building. We ask that you do not park in the Visitor spots.

Rockwell is located just South of I-480 about 1 mile on the right hand side.

For those of you traveling and need to stay overnight there has been a special rate negotiated at the Hilton Garden Inn. Just mention your in town doing business with Rockwell.

8971 Wilcox (i480@sr82), Hilton Garden Inn Cleveland/Twinsburg

(877) 782-9444

Some Rockwell facts

Year founded: 1903

Publicly held company

They are in the industry of Measuring and Controlling Devices, N.E.C

Last year Rockwell Automation Received Multiple Honors in the Automation World 2011 Leadership in Automation Program. The categories were:

- Batch control
- HMI hardware
- HMI software
- Loop tuning software
- Machine controllers
- Machine safety controllers
- Manufacturing execution software
- Motion control drives
- Motion control systems
- Process safety
- Programmable logic controllers
- SCADA
- Variable frequency drives

Fiscal 2011 Sales: \$6.0 billion

Trading Symbol: NYSE: ROK

Chairman & CEO: Keith D. Nosbusch

World Headquarters: Milwaukee, WI USA

Employees: About 21,000

The logo for Rockwell Automation, featuring the word "Rockwell" in a bold, red, sans-serif font above the word "Automation" in a bold, black, sans-serif font.

Jeff Sargeant, R&D Director, Chase Corporation

MS Degree Chemistry. Been with HumiSeal almost 8 years. Prior to joining HumiSeal, I spent 14 years in product development and R&D management in the areas of coatings and process chemistry for PWB fabrication and PC assembly.

Ashok Wadhwa, Project Engineer, Rockwell Automation

Ashok Wadhwa, Project Engineer (PCBA Process Excellence Team) has over 24 years of practical experience in PCB assembly. Obtained Master degree in Mechanical Engineering (Farm Power and Machinery) from PAU, India. During the past 13 years, held various positions in Rockwell Automation including Sr. Process Engineer, Project Engineer, Project Manager Six Sigma and Manager Manufacturing Engineering. Received innovative award for process improvement in adhesive printing. Certified Black Belt since Oct, 2005.

Kevin Liticker, Project Engineer, Rockwell Automation

Kevin Liticker is a Project Engineer in the Advanced Process and Operations Support group at Rockwell Automation in Mayfield Heights Ohio. He has been with Rockwell for 7 years. His responsibilities include direct engineering support for the production line in Twinsburg Ohio, process and material improvement projects, and new technology evaluation and qualification for all Rockwell production facilities. Before joining Rockwell he spent 6 years in component level packaging in the micro-display manufacturing industry. He has a BS in Physics from Cameron University in Lawton Oklahoma, and an MS in Applied and Industrial Physics from the University of Central Oklahoma in Edmond Oklahoma. He is also a certified six sigma black belt.

Dan Coad, Sr. Manufacturing Engineer, Rockwell Automation

Dan Coad has 15+ years of professional work experience on International Companies across Manufacturing, SMT Product & Process Engineering, New Products Introduction (NPI) functions and Failure Analysis Investigations. Focused on investigating the latest process technologies like vapor phase, convection and wave soldering. High level of expertise in all aspects related to reflow; temperature profiling and PoP (Package on Package). Dan holds a Bachelor of Mechanical and Electronics Engineering

Greg Vance, Sr. Project Engineer, Rockwell Automation, SMTA Ohio Valley Chapter President

Greg Vance is a Sr. Project Engineer on Rockwell Automation's Printed Circuit Board Assembly Process Excellence Team focusing on manufacturing and business process improvements. Nineteen years of experience in various roles supporting Electronic Assembly and as a Lean Six Sigma Project Manager. Greg holds a Bachelor of Science in Mechanical Engineering from the University of Akron and is a certified DMAIC Six Sigma Black Belt.

OHIO VALLEY OFFICERS

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