

SMTA Meeting Notice

April 21st, 2016

Hosted By:

Rockwell Automation Twinsburg Manufacturing Facility
8460 Darrow Road, Twinsburg, Ohio 44087

**Rockwell
Automation**

Attendees must present photo ID

Presenter

Jason Keeping P. Eng.
Project Manager, Ruggedized Electronics Sector
Corporate Engineering Analyst
Global Technology and Innovation
Celestica Inc., Toronto, Canada

Topic

When Conformal Coating Hits the Fan
What are the Consequences of Poor Ruggedization

RUGGEDIZATION:

Conformal Coatings: Material Selection and Manufacturing Processes
and how to prevent Coating from Hitting the Fan and the Consequences of Poor Ruggedization

- Real-World Impact
- What is Ruggedization
- How to Setup a Coating Factory
- Problems that may occur
- Conformal Coating Materials
- Coating Application Processes
- Coating Curing Options
- Coating in ESS/HASS/Burn-in
- Coating Inspection
- Coating Defects (Root Causes & Solutions)
- Design Related Challenges
- Industry Updates
- Q&A

Limited SPACE! Please sign up early



Meeting Fee's:

SMTA Members - \$35
STUDENTS - FREE
NON MEMBER - \$55
First Meeting Free w/ New
SMTA Membership

Payment Options:

Credit Card at door
Check
Cash

In Advance via paypal link:
www.SMTA.org

SCHEDULE:

9:00am - 9:30am
Registration

9:30am - 10:00am
Rockwell

10:00am
Jason Keeping Morning Session

12:00am - 1:00 pm
Lunch

1:00pm - 1:45
Rockwell - Electronic Assembly
Connected Enterprise

1:45pm - 3:00pm
Jason Keeping Afternoon Session

3:00pm
Rockwell Tour

**CLOSED TOE SHOES ARE
REQUIRED FOR THE TOUR**

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Speaker Bios



Jason Keeping P.Eng

Project Manager, Ruggedized Electronics Sector
Corporate Engineering Analyst
Global Technology and Innovation
Celestica Inc., Toronto, Canada

Jason Keeping is the Global Process Subject Matter Expert for Ruggedized Electronics within the Advanced Corporate Development team at Celestica. He holds a B.A.Sc in Electrical Engineering from the University of Ryerson, is a Six Sigma/Lean Professional and a licensed professional engineer. Jason has focused his career on assessing the manufacturability and capabilities of conformal coating, potting, underfill chemistries & their interactions, dispensing technologies/processes and on assembly-level cleaning for the past twelve years. Jason is the recipient of several awards, including a Shingo prize for Celestica's site in Monterrey, Mexico in 2007, and has contributed to Celestica's Frost & Sullivan awards in 2005, 2009, 2012 & 2013. Jason is the co-chair of the IPC-HDBK-830 handbook; author for conformal coating chapter of the Printed Circuits Handbook and was featured in the cover of Circuits Assembly in May 2008.

Most recently, Jason was the keynote speaker for a two-day workshop hosted by Nordson Asymtek European Technology Day in Maastricht, Netherlands with various other subject matter experts speaking from leading organizations. Jason is currently working along side Steph Mescheter of BAE Systems as a principle investigator on Celestica's second-joint U.S. DoD Strategic Environmental Research and Development Project (SERDP) examining corrosion induced whisker growth

About Shingo Prizes:

Recognition is given each year to successful challengers from around the world at The Shingo Prize International Conference and Awards Ceremony. Recipients may come from any industry and any part of the world and awards are given for achieving operational excellence, as well as research and writing that contributes to the body of knowledge relating to principles of operational excellence.

About Frost & Sullivan Awards:

Frost & Sullivan Best Practices Awards identify exemplary achievements within a multitude of industries and functional disciplines. The analysis on best practices that we conduct identifies companies, products, processes, and executives that have achieved world-class performances. This research is an invaluable source to companies for new ideas to improve strategies and processes, which ultimately drive corporate growth. These achievements are recognized with Frost & Sullivan Best Practices Awards.



Directions

Rockwell Automation

[Link to GOOGLE MAP](#)

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**SAVE THE DATE
SMTA OHIO VALLEY CHAPTER EXPO**

August 4th, 2016 at Embassy Suites
Independence, Ohio



The Surface Mount Technology Association (SMTA) is an international network of professionals who build skills, share practical experience and develop solutions in

electronic assembly technologies, including microsystems, emerging technologies, and related business operations.

www.SMTA.org

Ohio Valley Chapter Leadership Team

President

Brett Crane

bcrane@bird-technologies.com

Bird Technologies Group

440-519-2309

Vice President

Jeff Waterman

jwaterman@libraind.com

Libra Industries

440-974-7770

Treasurer

Greg Vance

gjvance@ra.rockwell.com

Rockwell Automation

440-646-3246

Secretary

Tim McArthur

[tmcar-](mailto:tmcarthur@deltasystemsinc.com)

thur@deltasystemsinc.com

Delta Systems, Inc.

330-422-5199

Chapter Advisor

Ernie Woyma

emjkw23@sbcglobal.net

440-725-3061

V.P. Membership North

Bill Timms

bill@timmsales.com

SMT Capital, LLC

330-416-6993

V.P. Membership South

Larry Roy

larryroy@att.net

SMT Capital, LLC

513-886-4040

V.P. Social Media

Clifford Rhodes

[crhodes@bird-](mailto:crhodes@bird-technologies.com)

[rhodes@bird-](mailto:rhodes@bird-technologies.com)

[rhodes@bird-](mailto:rhodes@bird-technologies.com)

Event Coordinator

Esther Beris

eberis@channelproducts.com

Channel Products Inc

440-423-0113 ext. 133

Chapter Liaison

Steven Sekanina

[steven.sekanina@isola-](mailto:steven.sekanina@isola-group.com)

[group.com](mailto:steven.sekanina@isola-group.com)

Isola Group

603-325 2317



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