



SMTA Carolinas Chapter Hosting a Webinar on the Evolution of Conformal Coating Equipment, Techniques, and Issues

Charlotte, North Carolina – The SMTA Carolinas Chapter is hosting a ZOOM webinar on May 18, 2021 at 12:00 EST to share insights about the conformal coating evolution.

The conformal coating process has evolved greatly from the days of hand masking electronic assemblies and placing them into high pressure spray booths and dip tanks to apply liquid coatings. Machine developments have provided the ability to use multiple applicators, and sometimes multiple fluids, to meet the target result. As coating equipment became more sophisticated, so have the circuitry designs which have created tighter coating requirements and smaller process windows. The fluids used for coating and masking have also developed and have enabled the use of new process techniques not typically employed in conformal coating. Not all end users have the same requirements, defining the end goal of a conformal coating process and understanding the equipment capability with various application techniques will be discussed plus additional tips on identifying process issues.

“We are extremely excited to announce Mr. Jon Urquhart, the Director of Global Applications Engineering at PVA, will be presenting on a trending issue within our industry,” said Brent Fischthal, SMTA Carolinas Chapter President. “Jon’s technical prowess is complemented by a practical understanding that will surely help our membership better understand the conformal coating process.”

Jon Urquhart has been the PVA senior application engineer since 1993 and specializes in the processing of fluid materials in a production environment. He often collaborates with material manufacturers and end users to optimize their process and recommend efficient automated equipment and application solutions. Jon currently holds numerous patents for spray valve designs and coating machine configurations. He is a renowned expert in the selective application of conformal coating materials with over 25 years of applicable experience.

You will not want to miss his presentation, but registration is required. Register today at <https://smta.org/events/Sessions.aspx?id=1513566> or on the SMTA Carolinas Chapter site. The event is free to SMTA Members with a valid membership number. Log-in details will be sent to all registrants 24 hours prior to the presentation.

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About SMTA

SMTA is an international network of professionals who build skills, share practical experience and develop solutions in electronics manufacturing, including microsystems, emerging technologies, and related business operations. Become a member today: <https://smta.org/page/MembershipBenefits>.



Jon Urquhart
Director Global
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