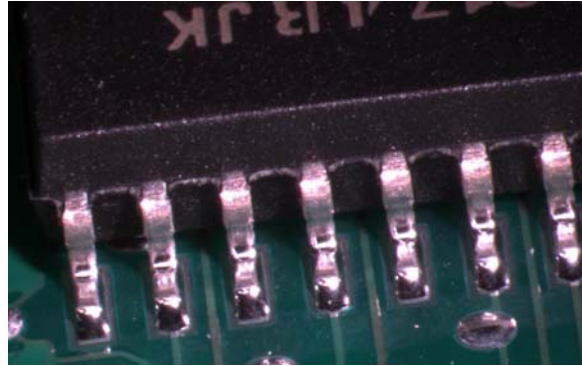




**April 16, 2009**  
Hyatt Regency  
575 Memorial Drive, Cambridge

**Lead-Free Solders for Electronics Assembly: *SMT and Wave Soldering Technology Drivers and Their Influence on New Product Development***

**Mr. Paul Lotosky**  
Global Director, Customer Technical Support  
Cookson Electronics, South Plainfield, NJ



**Abstract**

For many decades, lead – tin eutectic alloys have been the material of choice for electronics assembly applications. In recent years, the electronics industry and manufacturers of products which incorporate electronics have been under increasing legislative and market pressures to eliminate or reduce the lead in their products. Our speaker will discuss these and other current industry drivers for lead free alloys for reflow and wave soldering from a process and customer perspective and explain from a supplier's point of view how they are meeting those industry requirements. Lastly, the talk will also provide an update on IPC Solder Product Value Council activities to address standard testing for alternative lead free alloys.

**Our Speaker**

Paul Lotosky is a graduate of Saint Peter's College . He has over 30 years experience in the electronics assembly industry with Alpha Metals Inc/Cookson Electronics. Paul is currently the Global Director of Customer Technical Support where he is responsibly for developing product specifications for New Product Development, process training, product installations, Beta site testing and customer support related to problem resolution, new product installations and new technology. Paul is also the Chairman of the Technical Committee for IPC Solder Products Value Council and has been a member since it's conception. He has also served as Chairman of IOS TC 44 SA12 representing the USA on Soldering specifications.

**Also presenting**

**Student speaker: Michael Tambe, Ph.D. candidate in Prof. Gradecak's group at MIT**

*Exploring New Ways of Increasing Material Functionality Using Nanotechnology:  
A Case Study on Semiconductor Nanowires*

**Reservations, by 4/14**

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Validated parking at Hyatt garage

**Time**

Social 6:00

Dinner: 6:30

Speaker: 7:30

**Cost**

ASM member \$28

Non-member \$35

Student, ASM member \$15

Student, non-member \$18