



FOR IMMEDIATE RELEASE

VJE's Don Naugler to Discuss X-ray Technology and BGA Inspection at the BEST Tech Symposium

July 2012 — VJ Electronix, Inc., the leader in rework technologies and global provider of advanced X-ray inspection systems, announces that the company's president, Don Naugler, will present at the upcoming technology symposium hosted by BEST, Inc. entitled, "Sharpening Your Tools-Area Array Technology," scheduled to take place Tuesday, August 21, 2012 at Arlington Lakes Golf Course in Arlington Heights, IL. Don's presentation, titled "Evolution of X-ray Technology in the Electronics Industry" will be held from 10:40 – 11:30 a.m.



Ever since the adoption of BGA devices, X-ray inspection has become an ever-growing requirement within electronic manufacturing. Solder joints for BGA, CSP, and many popular package technologies are not visible using normal optical inspection. X-ray allows the engineer to see behind the package to identify defects and monitor the soldering process.

This paper will introduce basic concepts and review the evolution of X-ray technology. Naugler will review the types of X-ray sources and detectors used and present available technologies (2D, 3D, CT) for electronics inspection. He will conclude with a discussion of inspection techniques with a focus on BGA analysis.

Don Naugler has more than 25 years experience in the electronics/microelectronics industries and spent the last 12 years working with rework and X-ray at SRT/NIS, GenRad, Teradyne and VJ Electronix. Don holds a Bachelor's Degree in Mechanical Engineering from the University of Massachusetts and a Master's Degree from Southern New Hampshire University

Seating for the event is limited and tickets are \$50 per seat, including lunch. BEST is only offering 50 seats for this event on a first come first served basis, so **register today!** To register, call Ben at 847-797-9250 or e-mail bdesprat@solder.net.

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About VJ Electronix

VJ Electronix, Inc. manufactures production ready, automated Rework and X-ray inspection systems with many advanced capabilities. The company frequently provides custom solutions tailored to satisfy specific application requirements. VJ Electronix is a worldwide leader in X-ray Inspection and Rework equipment.

Company Contact:

Ron Lindell, Director Global Sales

VJ Electronix, Inc.
234 Taylor Street Littleton Massachusetts USA 01460
+1 978 486 4777
www.vjelectronix.com



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