



TEXAS INSTRUMENT TECHNODAY

February 3, 2010
 Texins Activity Center
 Texas Instruments Campus
 13000 North Central Expressway
 Dallas, TX 75243
 Conference room, CR 1 and 2

Registration Required (No charge with registration)

Please provide your name, company name, and company email address and send to INFO@BALAZS.COM

**This Technoday is also available via WebEx
 Register for more information!**

Balazs NanoAnalysis proudly presents **TECHNODAY at Texas Instruments**. This seminar is open to TI and non-TI employees thereby offering a unique technical forum for participants of all disciplines and experience to freely meet and exchange ideas. The seminar will also be available through WEBEX. This is a must attend for anyone charged with process development, manufacturing, facilities and quality control.

Our **TECHNODAY** offers an opportunity to further your knowledge of contamination and analytical metrology applied over a broad range of applications. The knowledge gained will lead to more sustainable engineering solutions for efficient manufacturing.



AGENDA

9:00AM - 9:15AM	Welcome Introduction	10:30AM - 11:00AM	<p>"Elemental Speciation and its Application to RoHS and REACH Studies" Dr. Lisa Milstein</p> <ul style="list-style-type: none"> • RoHS and REACH definition • Overview of elemental speciation and instrumentation involved • Description of speciation methods and application to electronic samples
9:15AM - 9:45AM	<p>"AMC and SMC Monitoring to the 2009 ITRS Limits" Dr. Mark Camenzind</p> <ul style="list-style-type: none"> • Review new ITRS Guidelines • Analytical methods to meet ITRS guidelines • Controlling AMC/SMC 	11:00AM - 11:30AM	<p>"Contamination Test Strategies for Process Tools" Dr. Victor Chia</p> <ul style="list-style-type: none"> • Contamination reduction strategy – starting materials to completed tool • Test methods for verifying tool component cleanliness • Tool cleanliness wafer qualification
9:45AM - 10:15AM	<p>"Real-time Gas Analysis: Cleanroom Air and Stack Testing" Dr. Dan Cowles</p> <ul style="list-style-type: none"> • 'Molecules of interest' – critical impurities in cleanroom air • On-line air monitoring and stack-testing methods • Cleanroom air impurity mitigation strategies 	11:30PM - Noon	<p>"Chemical Approaches to Failure Analysis" Dr. Hugh Gotts</p> <ul style="list-style-type: none"> • Overview of instrumentation and methodology • Strengths and weaknesses of techniques • Table of comparison and applications
10:15AM - 10:30AM	BREAK	Noon - 1:00PM	LUNCH PROVIDED