

We help designers and manufacturers

- Reduce design cycle time
- Minimize customer product returns
- Maximize product yields

Failure Analysis Materials Analysis Reliability Testing Teardown Analysis

Hello everyone. As we enter the last weeks of summer we hope everyone enjoyed the warm summer temperatures and are looking forward to the beautiful colours of fall cooling weather.

We were surprised to find ourselves with a very full and active summer lab season. Normally we would experience a slight slow down during July and August, but not this year! We were able to keep our two summer interns fully engaged and productive for the whole of the summer break. We were lucky to have them and they certainly contributed well. Thank you Ayeh and Colton! We couldn't have done it without you.



Dr. Martine Simard-Normandin will present a paper at the SMTAI Conference in Minneapolis

Recognizing the Root Cause of Solder Joint Failures

<https://www.smtai.org/>

The FA course is offered at the SMTAI conference for anyone wishing to attend.

The same paper will also be presented at SMTA Ontario Chapter Conference at the Mississauga Convention Centre Oct. 16th

<https://smta.org/events/EventDetails.aspx?id=1767685&group=225205>

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Courses

We have two half-day training courses available. We will deliver them remotely. Please contact us to get the outlines and to make arrangements if you are interested.

Each course is offered to companies for a flat rate, for five attendees or more. Individuals can apply and a suitable time will be arranged when five requests have been received.

Failure Analysis of Electronic Devices

This half-day course will benefit design engineers, component engineers, and quality engineers who may not be familiar with the physics behind FA tools available to them, internally or externally, to resolve their customer returns or supplier quality issues.

Shining a light on LED technology: construction, reliability, qualification, failure modes

This half-day course will benefit design engineers, component engineers, quality engineers and patent lawyers who may not be familiar with the physics, internal structure and reliability issues of LEDs as components.

MuAnalysis Electronic Component Authenticity Verification

Are the electronic components you are using in your product authentic or clones; have they been re-branded as RoHS compliant, when in fact they are not; have they been used previously?



Hand-written font on re-branded component

We cannot always guarantee authenticity but we can confirm that devices are of good quality and present no evidence of previous use. A service for distributors, re-sellers and contract manufacturers. Contact us for details