



## step-by-step webinar series

Microrite, Inc. brings you this unique learning experience in Static Charge: The Invisible Contaminant; Part of Microrite's step-by-step webinar series.

### Static Charge: The Invisible Contaminant

Common belief is that static charge discharge is a concern only for eliminating damage to small components. This is not the case. Electrostatic charge causes the contaminants in the cleanroom atmosphere to be strongly attracted to the products which must be clean! Also robotics behavior can be badly corrupted by static discharges, sometimes shutting down production. This seminar will introduce the attendee to these issues and begin the process of improving manufacturing efficiency and yield.

**When?**

June 26<sup>th</sup>, 2018  
 1:30pm to 3:30pm  
 Eastern Standard Time

**Which industries does this webinar apply to?**

Pharmaceuticals, Biotechnology, Medical Device, In Vitro Diagnostics, High Technology, Aerospace, Defense

**Who will benefit?**

Quality Assurance, Quality Control, Microbiologists, Facilities, Engineering, Manufacturing, Materials and Training Personnel



## Static Charge: The Invisible Contaminant

June 26<sup>th</sup>, 2018

### Benefits to the participants:

- Static charge increases micro contamination
- Static charge interferes with process automation
- Static charge damages sensitive miniature components
- Threshold for damage issues vs human sensation
- Where does static charge come from?
- Conductors and insulators
- Static charge control program rules
- Measurement instruments

### Who will be teaching?

**Dr. Levit** provides ESD consulting to a variety of industries. He has over 25 years of experience in the field of ESD control and is a NARTE-Certified ESD Engineer. His specialty has been ESD control in high technology cleanrooms including aerospace, medical devices, fiber optics, semiconductor FEOL and BEOL, disk drive manufacturing and LCD manufacturing. His work has taken him into a large fraction of the semiconductor, disk drive and flat panel cleanrooms in the world. He is a senior member of the IEST.

Levit has audited cleanrooms on three continents and is recognized as a problem solver, having identified problems and improved microcontamination control. He has successfully devised solutions to manufacturing problems to reduce ESD yield loss, contamination issues and reticle damage. He has also been an invited speaker at conferences around the world as well as a trainer for high technology companies.

Levit holds a Ph.D. in Experimental High Energy Physics from Case Western Reserve University.



**REGISTRATION FORM**

**Static Charge: The Invisible Contaminant**

<b>Personal Information of One Registrant</b>	
Last Name:      Mr. Ms. Dr.	First Name:
Job Title:	Organization:
Mailing Address:	
Telephone:	
Email:	
<b>Fee: (see fee structure below, all costs are per attendee)</b>	
<input type="radio"/> 1 attendee <b>\$225</b> <input type="radio"/> 2-5 attendees <b>\$180 (per attendee)(20% Discount)</b> <input type="radio"/> 6-10 attendees <b>\$153 (per attendee)(32% Discount)</b> <input type="radio"/> 11 or more attendees <b>\$135 (per attendee)(40% Discount)</b>	
<p><b>Method of Payment: Credit Card and Check payments only. Attendees can register and make payments on Microrite’s website: <a href="http://www.microrite.com">www.microrite.com</a> or complete this form and fax to 408-445-1236. Check payments must be cleared before the webinar date. If you have any questions regarding payment methods feel free to contact Microrite at 408-445-0507 or send your enquiry to <a href="mailto:webinars@microrite.com">webinars@microrite.com</a>.</b></p>	
<p>Confirmation of registration will be sent via email. For credit card payment on website, a payment receipt will be considered as confirmation of registration. For credit card information faxed to Microrite an email confirmation will be sent with a copy of payment receipt. Please call 408-445-0507 in due time if confirmation is not received after payment. Webinar cancellation must be received 3 business days prior to the webinar less a 10% service fee, cancellation requests will be accepted via email only. All refund requests must be made by the organizations primary contact or credit card holder. Refunds will be credited to the original credit card used to purchase the webinar.</p>	



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## Static Charge: The Invisible Contaminant

Additional Attendees		
	First and Last Name	Email
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**Static Charge: The Invisible Contaminant**

Choose One (Place X) ►	<input type="checkbox"/> VISA	<input type="checkbox"/> Master Card	<input type="checkbox"/> American Express
Card Holder's Name ►			
Address of Card Holder:	Enter firm address for corporate card or personal address for personal card		
Street:			
City/State:			
Zip Code:			
Country:			
Contact Ph No & Email:			
Card Number:			
Expiration(Month/Year):			
Amount (US Dollars):			
Signature:			
Name of Attendee(s)			
Referred by:	Kindly note the name of the company or person that referred you to this workshop. We would like to thank them.		

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WHEN EXPERTISE MATTERS**