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# The ASME, CSRA Section Presents:

## A Saturday Morning Seminar

### Bringing Highly Reliable Products to Market Faster

**Date:** Saturday, February 24, 2007

**Time:** 9:00 am - 12:00 pm

**Location:** University of South Carolina-Aiken, Penland Admin. Bldg., Room 235 (a map of the campus can be found at [www.usca.edu](http://www.usca.edu).)

**Speaker:** Mr. Ted Fine, PE  
Senior Program Manager, Intertek ETL SEMKO

**Course Description:** Succeeding in today's marketplace demands delivery of reliable products at a fair price in a timely manner. Accelerated Stress Testing (AST) is gaining favor over traditional, time consuming methods by discovering product design flaws in a fraction of the time as compared with traditional testing methods. This seminar will discuss various traditional testing methods along with the latest technology, Accelerated Stress Testing, and its application. The methods presented will include complex vibration tests, Failure Mode Verification Testing (FMVT), and others. AST techniques have been used successfully to eliminate "infant mortality" issues, minimize warranty claims, and to compare alternative component choices. Real life examples will be provided to illustrate the many uses of Accelerated Stress Testing.

(Additional details, instructor Bio, and registrations details are on page 2)



## A JOINT DINNER MEETING WITH ASM

### Topic: Accelerated Stress Testing

**Speaker:** Ted Fine, P.E.  
Intertek ETL SEMKO

**Date:** Thursday, February 22nd

**Time:** 5:30-6:00 pm – Greeting/Registration  
6:00-7:00 pm – Dinner (w/presentation following)

**Place:** Bobby's BBQ, Aiken-Augusta Hwy (1/2 way between Aiken and Augusta)

Address Service Requested

### **Additional Info/Registration for Bringing Products to Market Faster Seminar - February 24<sup>th</sup>**

Instructor Bio: Ted Fine is a Senior Program Manager at Intertek ETL SEMKO. His career has focused on using laboratory testing to validate product reliability and design. Mr. Fine has a B.S. and M.S. in Metallurgical Engineering from the University of Minnesota and is a licensed P.E. in Wisconsin. At Intertek, Mr. Fine is also responsible for originating, leading, and achieving all technical sales efforts in the Midwest region. Mr. Fine's previous positions have included Director of Chemical and Materials Research at Rexnord Corporation, Manager of Advanced Technology at ARCO Metals, Manager of Planning- Materials at IH, and various steel product development positions at Inland Steel.

Seminar attendees will receive credit for 3 Professional Development Hours (PDH) towards maintaining PE status. Attendees may **register\*** for the seminar by forwarding a check in the amount of \$25 for ASME members (\$40 for non-members) to:

Kipp Neikirk  
Chairman, ASME, CSRA Section  
425 Cooper Mill Road, North Augusta, SC 29860

Refreshments will be served. For additional information, contact Kipp Neikirk at (803) 725-5390 or e-mail Kipp at [kneikirk@comcast.net](mailto:kneikirk@comcast.net).

### **Joint Dinner Meeting with ASM Details**

**Place:** Bobby's BBQ, Aiken-Augusta Hwy, Rte 1, (½ way between Aiken and Augusta)

Intertek ETL SEMKO is a multi-national engineering, testing, and quality systems services firm specializing in the automotive, furniture, and medical industries, and product safety testing plus quality systems registration. Intertek's specialty is Accelerated Stress Testing (AST) to test products in the laboratory to detect product design flaws.

This talk, which is to be presented by Mr. Ted Fine, P.E., Senior Program Manager at Intertek, will discuss various Accelerated Stress Testing (AST) methods that are utilized for product testing and their relative benefits over traditional testing methods.

There is no cost for the dinner meeting other than the individual cost for the meal. Those interested in attending should contact Kipp Neikirk at (803) 725-5390 or Gary Driesen at (803) 952-8972 **by no later** than February 20th. Spouses and guests are welcome to attend.

### **Evans Middle School Wins ASME Award for "Excellence in Futuristic Concepts" at Competition**

The Future City Competition is designed to promote engineering and science at the middle school grade level. Each school's project team consists of three students who are required to create a computer model of their city (using "SimCity" software), write an abstract and essay about their city, build a physical model of their city, and present their project at the competition. The students typically work on their projects for 3-4 months in preparing for the competition, which was held on January 27<sup>th</sup> at the USC-A campus. Participation in this nationally sponsored program by ASME and other societies provides the much needed recognition and encouragement for these engineers of tomorrow.



### **Upcoming Events**

Saturday Seminar – March 24<sup>th</sup> (info forthcoming)

Joint Society Spring Picnic – May 5 (?) (info forthcoming)