



American Society for Nondestructive Testing

Metropolitan New York - Northern New Jersey

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MEETING NOTICE – THURSDAY, MARCH 24, 2005

“Thinking Skill Optimization in Failure Analysis”

Debbie Aliya, Aliya Analytical

JOINT MEETING WITH ASM

TIME: 6:15 PM Social Time
7:00 PM Dinner
8:00 Presentation

PRICE: \$22.00 – All Attendees

PLACE: L’Affaire Restaurant
1099 US Highway 22
Mountainside, NJ 07092
908-232-4454
Directions on Page 2

The three keys to Thinking Skill Optimization are increasing knowledge, improving the structure of knowledge, and cultivating ways to overcome the limitations of knowledge. This presentation will include an overview of how and why we should all strive to improve our thinking skills, practical tips to do so through short exercises that can be done in spare moments waiting in line at the bank, grocery store, etc., and specific techniques that can be applied in failure analysis projects, including negotiating project objectives, gathering background info learning to make use of ignorance, evaluating evidence and performing visual examinations. Specific practices for learning to keep an open mind during the investigation will also be presented.

In 1994, Debbie Aliya founded Aliya Analytical, a Grand Rapids, Michigan company that specializes in failure analysis, failure prevention, and materials characterization. Debbie has a Bs in Metallurgy and Materials Science from Carnegie-Mellon University, Pittsburgh, Pennsylvania, and an MS in Materials Science and Engineering from Northwestern University, Evanston, Illinois. She has served as Chair of the ASM International Failure Analysis Committee, and contributed several articles and participated in the editorial duties for the recently released Metals Handbook volume on Failure Analysis. Debbie was Chair of the Grand Rapids Chapter of the Society of Manufacturing Engineers in 1999. Her article on Thinking skill Optimization in Failure Analysis was published in ASM International’s journal of Practical Failure Analysis in December of 2002. She has also taught multiple classes on Failure Analysis and Prevention, including a special topics class for graduate Materials Engineering Students at Western Michigan University.

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MARCH MEETING NOTICE – PAGE 2

NOTICE:

The April meeting of ASNT is Past Chairmen's Night. All Past Chairmen of the Metropolitan New York – Northern New Jersey Section of ASNT are invited to be our guests for dinner at the San Carlo Restaurant in Lyndhurst New Jersey on April 13. Letters will be sent to the Past Chairmen whose addresses are on file, but if you know of a Past Chairman that doesn't get a letter, please invite them to join us. Details will be published in our April meeting notice and newsletter.

ATTENTION MEMBERS!! - EARN A FREE DINNER

All you have to do to get your dinner free at one of the ASNT- MNY-NNJ meetings is BRING A NEW MEMBER, ALONG WITH THEIR APPLICATION TO JOIN ASNT FILLED OUT AND ACCOMPANIED WITH THEIR GUARANTEED PAYMENT – CHECK OR CREDIT CARD INFO. We will pay for your dinner for that night's meeting. Five new members during the meeting calendar year – September's meeting through May's meeting - will get you your next year's dues paid by the Section directly to National.

2004-2005 MNY-NNJ MEETING PROGRAM

| DATE | SUBJECT | SPEAKER |
|---------------------------|---|--|
| Mar. 24, 2005 Thursday | Joint Meeting with ASM – L'Affaire Restaurant, Springfield, NJ – Thinking Skill Optimization & Failure Analysis | Debby Alliya |
| Apr. 13, 2005 | Past Chairmen's Night – NDT Personnel Certification – Past, Present & Future | Bill Plumstead |
| May 11, 2005 | Awards Night Design of Special Applications Transducers | Jocelyn Langlois, Sigma Transducers |
| June 27, 2005 | Golf Tournament –Emerson Golf & Country Club | |

DIRECTIONS TO L'AFFAIRE – **From NJ Turnpike – Exit 14** – Follow signs to Route 22 and take Route 22 West 10 miles. L'Affaire is on your left. Go an additional 1 mile to “U” turn (stay in left lane). Drive East 1 mile to L' Affaire. – **From Garden State Parkway – North Exit 140** – Immediately get in left lane and follow signs for Parkway South, 82W, 22 West. Take Route 22 West 5 miles. L'Affaire is on your left. Go an additional 1 mile to “U” turn (stay in left lane). Drive East 1 mile to L' Affaire. – **From Garden State Parkway – South Exit 140A** – Follow signs for Route 22 West. After 5 miles L'Affaire will be on your left. Proceed an additional 1 mile to “U” turn (stay in left lane). Drive East 1 mile to L' Affaire. – **From 287 North or South – Exit 22 East** – New York, near Sommerville. Take Route 22 West 14.2 miles to L'Affaire. **Route 78 East to Exit 45** – Glenside Avenue. Turn left and go 1.1 miles to a stop sign. Make sharp right onto Baltisrol Road (becomes Summit Avenue) and go 2.5 miles to 22 West. Enter 22 West and go an additional 1 miles to “U” turn (stay in left lane). Drive East 1 mile to L'Affaire.