



American Society for Nondestructive Testing

Metropolitan New York - Northern New Jersey

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MEETING NOTICE – WEDNESDAY, FEBRUARY 16, 2005 “Advances in Video Based Remote Viewing Tools for FMPI and MP Inspection” – Bill Habermann, InterTest, Inc.

TIME: 6:00 PM Social Hour (Cash Bar) PLACE: San Carlo
7:00 PM Dinner 620 Stuyvesant Avenue
8:00 Presentation Lyndhurst, New Jersey
\$17.00 – Technicians & Retirees 201-933-3400
PRICE: \$22.00 – All Others Directions on Page 2

MEETING SPONSOR: INTERTEST, INC.

The talk covers the use of CCTV camera technology in remote visual examinations that employ fluorescent magnetic particle inspection (FMPI for MT) and fluorescent penetrant inspection (FPI for PT) NDT techniques. MT and PT methods will be briefly reviewed. The discussion will continue with how video cameras can provide life-like visualization in hard to reach locations like the internals of turbine engine shafts and rotor drums. Several of the technological challenges are address and examples of equipment are used to illustrate the state of the art. This technology is regularly employed by major engine manufacturers today.

Bill Habermann, co-founder, current owner and president of InterTest, Inc. will present “Advances in FMPI and MT Video Based Inspection Equipment”. InterTest has been a supplier of inspection equipment specializing in ultrasonic, eddy current, and remote visual methods since 1981. Mr. Habermann was co-founder of Visual Inspection Technologies inc. and was associated with VIT from 1983-1989. Previously, he was QA Manager and Assistant Foundry Manager of Ferguson Propeller. There he supervised NDT in the manufacturing and reconditioning of large ship propellers. Bill is a graduate of Stevens Institute of Technology, Bachelor of Engineering in Materials Engineering. He is a member of ISPE, ASM, ASNT and SPIE. Come join us for this interesting and informative presentation by Bill Habermann.

NOTE TO MEMBERS – THE MARCH MEETING IS ON THURSDAY, MARCH 24, 2005 and is a Joint Meeting with ASM at L’Affaire Restaurant in Springfield, New Jersey. Details will be published in the Newsletter prior to the meeting. Directions will also be included with the newsletter.

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FEBRUARY MEETING NOTICE – PAGE 2

FEBRUARY MEETING SPONSOR

InterTest, Inc., 303 Route 94, Columbia, New Jersey 07832 – Phone 908-496-8008- FAX 908-496-8004 –InterTest is a proven innovator in Test and Inspection. Since 1978, InterTest has served the visual inspection and nondestructive testing needs of industry, furnishing equipment and engineered systems to ensure product quality, monitor production, and maintain capital equipment and infrastructure. Aerospace, petrochemical, power, process, manufacturing, power and telecom companies all rely on InterTest’s experience and expertise. InterTest headquarters occupies a 10,000 ft. research and production facility in western New Jersey. The company serves quality and inspection professionals worldwide through a network of regional sales engineers and field service professionals.

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
Feb. 16, 2005	Advances in Video Based Remote Viewing Tools For FP and MP Inspection	Bill Habermann, InterTest
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	Golf Tournament	Date TBA

DIRECTIONS TO SAN CARLO - From New Jersey Turnpike (Exits 16W OR 17), Lincoln Tunnel (I495) and Route 3 West: Take the exit for /Route 17 South. This will put you on an access road, running parallel to Route 3. Take this road through 2 lights (Polito Way and Ridge Road). At the third light bear left onto Stuyvesant Avenue (between the Bank of New York and gas station) then proceed one mile to 620 Stuyvesant Avenue. - From Garden State Parkway: Take Route 3 East, exit at Park Avenue/River Road exit (first exit past Route 21 North exit); turn left to intersection and make second right onto Stuyvesant Avenue (between the Bank of New York and gas station) then proceed one mile to 620 Stuyvesant Avenue.