



## Chicago Section

### 2005-2006 Directors

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**Wednesday, November 8, 2006**

### Chicago Section Monthly Meeting/Joint Meeting with AWS

Topic: Digital Radiology of Welds

A new technology, computed radiology, has been introduced into the field of nondestructive testing. This is an outgrowth of its use in the medical field. Newer units now incorporate industrial capabilities and a revised computer language format. Instead of using film, the image is captured on an imaging screen that uses PSL technology (photostimulable luminescence). The phosphor imaging plates can be re-used over and over thousands of times and thereby eliminate expensive film costs and the associated chemicals and their disposal. The imaging plates are faster than film and can reduce shooting times as well. Digital images have the capability of being sent via e-mail or saved on compact disks or DVD's for later viewing. This presentation will highlight some of the advantages and limitations of the technology and will review the new documents developed in ASTM to support the use of this method or technique as applied to welds.

Speaker: Stuart Kleven, Alloyweld Inspection Company, Inc.

Mr. Kleven is an ASNT SNT-TC-1A, Level III in four methods, RT, UT, MT and PT and is an AWS CWI. He is a member of the ASTM E7 subcommittee on radiography and has authored and/or presented numerous papers on nondestructive testing. His current employment is with Alloyweld Inspection Company, Inc, a commercial NDT testing laboratory and weld shop in Bensenville, Illinois.

**Location:** The Bohemian Crystal  
639 N. Blackhawk Drive  
Westmont, IL 60559  
630-789-1981

**Time:** Social Hour 5:30 p.m.  
Dinner 6:30 p.m.  
Presentation 7:30 p.m.

**Cost:** Members \$15.00  
Students and Guests \$5.00

**RSVP:** Are you interested? If so, please respond to Stu Kleven by Wednesday, November 8. Stu can be contacted by telephone at (630)595-2145 or fax (630)595-2128.

## ASNT Chicago Section 2006-2007 Tentative Program Schedule

September 11, 2006	Inspection and Repair of Condenser Waterboxes at Power Plants Stuart Kleven – Alloyweld Inspection
October 9, 2006	Cleaners and/or New Equipment Magnaflux Corp.
<b>November 8, 2006</b>	<b>Joint Meeting with AWS</b> <b>Alloyweld Inspection, Computed RT of Welds</b>
December 4, 2006	ASNT President Marv Trimm
January 8, 2007	Inspection of Pipelines McNDT
February 5, 2007	ET or Composites R-Con NDT
March 12, 2007	Remote Visual Inspection Steve Clark-VII
April 9, 2007	FAA Safety Issues Scott Langsdorf, FAA
May 7, 2007	Coating Inspection Seminar (KTA Tator) ?

**We hope to see you there!**

**Any suggestions for topics that interest you, please call Stuart Kleven at 630-595-2145.**



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