



**MEETING: September 21, 2010**

**LOCATION:**

Pantagis Renaissance/  
Snuffy's Clambar  
250 Park Ave. (at Mountain Ave)  
Scotch Plains, NJ 07076  
908-322-7726  
www.snuffypantagis.com

**PROGRAM:**

4:30 p.m. Executive Meeting  
6:00 p.m. Networking  
6:30 p.m. Dinner  
7:30 p.m. Presentation

**DINNER COST:**

(dinner is optional)  
Members & Guests: \$25.00  
Students: \$15.00

## Advancements of Automated Weld Monitoring Camera Technology

Speaker: Brian Hamilton, Intertest, Inc., *Columbia, NJ*

The presentation will cover basic theory of video technology in automated weld processes; multiple approaches to imaging various types of welding; basic principles of imaging; environmental protection, and real world applications. New technology and equipment will be demonstrated and available for hands on interaction. The focus will be on the latest technology, the Visible Welding Ultra-Dynamic Range Weld Viewing System. The UDR System allows the user to record and view the electrode, arc, puddle, joint and surrounding base material before, during and after the welding process. This new software based system manipulates image data to give an unprecedented level of clarity and range in monitoring automated MIG, TIG, Laser, and Plasma Welds. The new system is extremely user friendly. It allows real-time manipulation of the image, as well as recording of video and still images for documentation. The user can manipulate recorded images to fine tune the picture for post weld evaluation. The V2010-UDR Weld Monitoring Video System has sparked wide interest and we look forward to introducing this new technology, fielding questions, and educating the members on the latest technical visual advances in this new and exciting field.

Brian Hamilton is a life long resident of Northwest New Jersey and a graduate of the University of Connecticut. He offers 5 years of knowledge and experience in the automated welding industry, specializing in visual observation and documentation of automated weld monitoring products and technologies. Since 1981, InterTest, Inc has provided remote visual inspection (RVI) tools and non-destructive testing (NDT) equipment to a wide range of industries requiring a detailed visual of inaccessible target areas. Extensive experiences with multiple testing and visual inspection methods combined with innovative engineering and a talented manufacturing staff create a unique mix that consistently meets and exceeds customers' requirements and expectations. Visit their website at: [www.intertest.com](http://www.intertest.com)

**Visit the New Jersey Section  
website at:**

[www.aws.org/sections/newjersey](http://www.aws.org/sections/newjersey)

**2010 - 2011 AWS NJ Section OFFICERS**

*Chairman:* JAMES DOLAN CSP/CWI, *Dolan Associates*  
*Vice-Chair:* HERB BROWNE, *Morris County Technical Inst*  
*Secretary:* GEORGE SHEEHAN, *Union County Voc-Tech*  
*Treasurer:* AL FLEURY, *A.F. Fleury Associates*

**EXECUTIVE COMMITTEE**

<i>Term through 2011</i>	<i>Term through 2012</i>
DAVID GRIEP Passaic County Tech Inst.	STEVE DAGNALL AGL Welding Supply
WYATT MANN The Lincoln Electric Co.	BOB PETRONE CWI AGL Welding Supply
DONALD SMITH Somerset County Voc-Tech	BOB WLAZLOWSKI GTS Welco Gas Tech
<i>Sr. Past Chairman</i> SEANN T. BRADLEY The Lincoln Electric Co.	<i>Jr. Past Chairman</i> STEVEN DeFILLIPPS, Jr. SOS Gases, Inc.

**STANDING COMMITTEES & SPECIAL OFFICES**

Technical Program WYATT MANN The Lincoln Electric Co.	Awards BOB PETRONE CWI AGL Welding Supply
Hospitality VINCE MURRAY AGL Welding Supply	Website/Newsletter AL FLEURY A.F. Fleury Associates
Certification PAUL LENOX CWI Airgas East	Membership/Publicity ERIC DOLAN Dolan Associates
ERIC DOLAN Dolan Associates	Technical Rep WYATT MANN The Lincoln Electric Co.
Education/Student Activities JAMES DOLAN CSP/CWI Dolan Associates	Safety & Health, Historian GUS MANZ A. F. Manz Associates
GEORGE SHEEHAN Union County Voc-Tech	

District 2 Director: KEN STOCKTON CWI, PSEG

## Chairman's Message

Welcome to the 2010 / 2011 season of the AWS New Jersey Section. We're looking forward to an interesting year, complete with several significant changes.

First, let me welcome Mr. Herb Browne as Vice-Chairman. Herb is the well known and highly respected welding instructor at the Morris County Technical Institute.

In order to streamline our programs and allow more time between meetings, we have planned five meetings starting with September. Check the calendar for information on programs & events.

We are also working on an electronic version of the newsletter. Pdf files of current and past issue editorials can be viewed online at the Section website.

As always, your active participation in the activities of your section is important to our continued success. We look forward to seeing you on September 21st.

James Dolan CPS/CWI, *Dolan Associates*  
AWS NJ Section Chairman

## Welcome Members

The AWS NJ Section welcomes the following new members:

Tyler J. Ahlers  
Vincent S. Carroza  
John A. Consentino  
Gartano A. Davino  
Jon Errickson, *Errickson Equipment, Inc.*  
Dave Eurich  
Aldo Fischetti  
Thomas J. Gesmer  
Luis C. Jorge *TAP Air Portugal/COMAT*  
Matthew M. Milanowski  
Ormont C McBride  
Tyler M Olsen  
Brian Payne  
Joseph Rosenberry  
Frank Vaccaro

We look forward to seeing you at the meetings

Mail AWS NJ Section correspondence to: AWS NJ Section, c/o Jim Dolan, 169 Clover Hill Rd., Millington, NJ 07946

## Participate

### Get the most from your Membership

AWS membership gives you the opportunity to network with other welding professionals, meet experts in the field, and gain valuable knowledge about new materials, processes, equipment and techniques at the meetings. It also provides you with an excellent arena in which to hone your managerial and leadership skills by working on a project, heading a committee, or serving as an officer. This valuable experience can help you advance in your career and in your personal life.

You are encouraged to attend the meetings, share your ideas and to serve on any of the wide variety of committees that provide NJ Section programs and activities. You are also welcome to attend the new business portion of the Executive Committee meeting which is held on the same day and just before the start of the regular meeting.

Your AWS membership provides you with many opportunities—take full advantage of them. We look forward to seeing you soon.

## In Memoriam — Dr. Frederick Winsor

Dr. Frederick J. Winsor, 88, died at his home in Fanwood, NJ on May 25, 2010 after a long illness. He was born in the Mohawk River Valley in upstate NY.

He earned BS, MS and PhD degrees in metallurgical engineering from Rensselaer Polytechnic Institute (RPI); his PE in DE, IL and NJ, and he worked as welding engineer and metallurgist for Armour Research Foundation, Standard Oil of Indiana (Amoco), DuPont and Foster Wheeler. At the latter, he was Director of Welding engineering during the era of nuclear power plant construction for utilities and for the US Navy. As an Adjunct Professor, he taught courses in welding technology at the Industrial Division of Kean University of NJ and in welding metallurgy at the Graduate School of the Brooklyn Polytechnic Institute (now called NY Polytechnic Institute).

He maintained a strong AWS involvement and achieved Life Membership. He chaired the AWS NJ Section, its Education Committee, supervised CWI examinations and served on the Executive committee for many years. He was a long time member and contributor of the AWS Filler Metal Committee (AS) and chaired one of its sub-committees. He also was an active member of the Welding Research Council and ASM. AWS recognized his contributions and presented him with the Samuel Miller Memorial Medal in 1991, and the district Meritorious Award in 2007. At AWS he was considered a willing worker who never met a man he did not like or did not like him.

He is survived by his wife Gertrude after 68 years of happy marriage; four children, four grandchildren and many nephews and nieces.

# 2010 Skills USA

The AWS New Jersey Section hosted the 2010 Skills USA Welding Contest on May 8, 2010 at Somerset County Voc-Tech in Bridgewater, NJ.

The supervising judges were George Sheehan and Jim Dolan, assisted by Ken Meaney, Vince Murray, Ken Stockton and Dave Terpolilli

The winners:

*Post secondary students:*

1st Place: Raymond Chaplin Jr.  
Cumberland County

2nd Place: Justin Bridger  
Ocean County

*Secondary students:*

1st Place: Matthew Degirolamo  
Gloucester County

2nd Place: Justin Wigglesworth  
Cumberland County

3rd Place: Raymond Toinai  
Morris County

Special AWS New Jersey Section thanks to the following companies for their continued support and generous donations of materials and prizes:



**AGL Welding Supply Co. Inc.,** Clifton NJ 973-478-5000

**J.A. Cunningham Equipment, Inc.,** Philadelphia, PA 215-426-6650

**J.W. Goodliffe & Son Inc.,** Linden NJ 908-486-8230

**GTS WELCO,** Newark NJ 973-589-7895

**Industrial Welding Supply Inc.,** Sayreville, NJ 732-721-1150

**The Lincoln Electric Co., Inc.,** Cleveland OH, Seann Bradley: 732-841-6951

**Miller Electric Mfg. Co.,** Appleton WI, Dennis Mead: 201-417-7399

**Seaboard Welding Supply,** Oakhurst NJ 732-493-8100

**SOS Gases Inc.,** Kearny NJ 201-998-7800

**R.S. Phillips Steel, LLC,** Sussex, NJ, Reggie Phillips 973- 827-6464



## Calendar

AWS NJ Section Meetings are held at: Pantagis Renaissance/Snuffy's Clambar, 250 Park Ave., Scotch Plains, NJ unless otherwise posted. Come as you are. Guests welcome. Dinner optional. Arrive by 7:30pm for program portion only.

### **September 21, 2010 6:00pm**

AWS NJ Section Meeting  
Advancements of Automated Weld  
Monitoring Camera Technology  
(See page 1)

### **October 3 - 8, 2010**

AWS CWI/CWE Seminar  
Wyndham Garden Hotel, Newark, NJ  
Info at: [www.aws.org](http://www.aws.org)

### **November 2 - 4, 2010**

Fabtech/AWS Welding Show  
Georgia World Congress, Atlanta  
Register at: [www.aws.org](http://www.aws.org)

### **November 16, 2010 6:00pm**

AWS NJ Section  
Plant Tour/Meeting TBA

## Planning ahead

### **March 15, 2011 Manufacturers Night**

The AWS NJ Section will be presenting the popular Manufacturers Night at the March meeting to provide members with a local display of the latest in machinery, equipment, technology, materials and services. This is a great opportunity for area providers to showcase their capabilities.

Table top display areas are free on a first-come, first-served basis. Company representatives pay only the standard dinner fee for the meeting.

If your company would be interested in participating, please email Al Fleury: [alnpat1@gmail.com](mailto:alnpat1@gmail.com)

## Keep Your Info Current

Be sure to keep your membership info current at AWS Headquarters. Add your email address and make any necessary changes to your phone number, address, employer, etc. so that you can stay informed.

## Newsletter Sponsors

### **A few good companies needed**

Please consider supporting the AWS NJ Section newsletter through an annual Sponsorship. It's one of the best and lowest cost methods of reaching the entire membership. Annual Sponsorships include a display ad in each issue, online links and other free and discounted promotional opportunities. Sponsor companies help to make the Section newsletter possible, and we sincerely thank them for their support.

Benefactor listings are another low cost way for consultants and individual members to show their support.

Inserts are available to anyone. Your printed full page promotional flyers can be mailed as inserts with the printed newsletter for less than the postage required to mail them yourself. It's a great value so be sure to take advantage of it.

For complete information without obligation, call 973-731-2967 or email: [grillonpkg@comcast.net](mailto:grillonpkg@comcast.net).