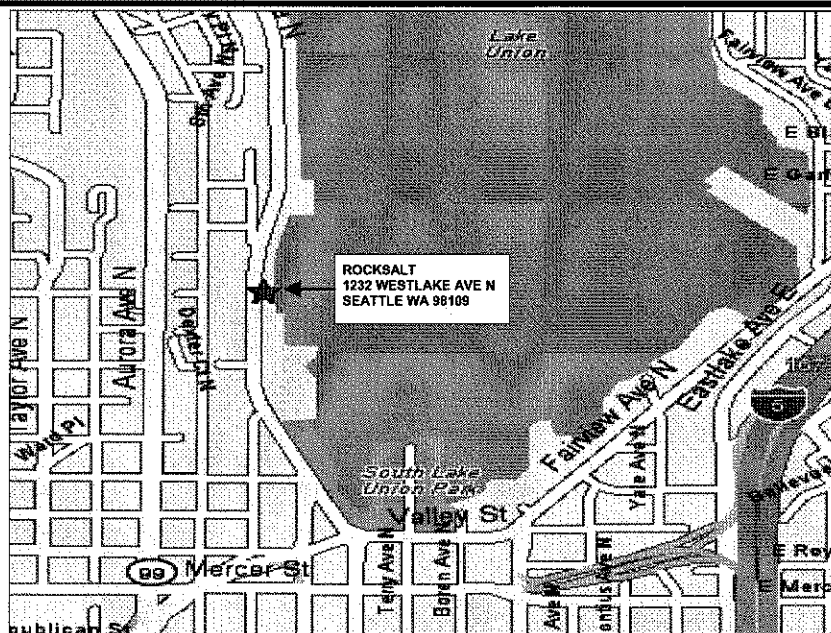


American Welding Society

PUGET SOUND SECTION NEWSLETTER

ISSUE 204

May 2010



MEETING:
THURSDAY May 6th

PLACE:
ROCK SALT STEAKHOUSE
1232 WESTLAKE AVE N
SEATTLE WA 98109

DIRECTIONS:
TAKE THE MERCER ST EXIT FROM I-5
FOLLOW TO WESTLAKE (3RD LIGHT)
TURN RIGHT GO TO 2ND LIGHT TURN
RIGHT THEN LEFT INTO PARKING
LOT.

HOURS:

BOARD	4:45-5:45 PM
SOCIAL	5:45-6:45 PM
DINNER	6:45-7:45 PM
PROGRAM	7:45-8:45 PM

Puget Sound Section Newsletter Published monthly except June, July, and August. American Welding Society (Puget Sound Section) PO Box 59201, Renton, WA, 98058-2201

PROGRAM

“Stress Analysis of Welds-inside and outside of Finite Element Analysis”
By
Mr. Mike Weaver

Mr. Weaver will present topics regarding stress analysis of welds for static failure and fatigue failure: Methodologies for Classical Analysis and with Finite Element Analysis. He will address how these techniques relate to the Solid Works Weld Analysis Tool, which he authored as a sub-part of the FEWeld software package he writes. He will discuss material conditions that affect failure resistance, and accordingly, stress analysis. Finally, he will address how NDT, stress analysis, and engineering design are tied together.

Mr. Weaver has been practicing engineering since 1984 and has been working with welding since 1993. He has operated as a FEA and Welding consultant since 1992 through his firm, Weaver Engineering. He received the A.F. Davis Silver Medal from the American Welding Society in 2000. He holds a Bachelor of Engineering from Oregon State University, a Masters of Business Administration from the University of Washington, and is a Licensed Mechanical Engineer in the State of Washington since 1989. For the past five years, he has worked for CD-adapco developing Fluid Dynamics Software and applying this to thermal simulations of welding.

TECHNICAL QUESTIONS

Bring your written technical questions to the meeting (any subject) or write them there and leave at the registration table or hand to Steve Pollard. They will be discussed and hopefully answered during the dinner hour.

PLEASE MAKE YOUR MEETING RESERVATIONS BY E-MAILING TO: jerryhope@member.aws.org OR PHONING THE AWS OFFICE 425-226-7018 BY TUESDAY MAY 4TH. REGULAR DINNER PRICE IS \$25.00; STUDENT PRICE IS \$15.00. PLEASE LEAVE YOUR PHONE NUMBER WHEN MAKING RESERVATIONS. IF YOU DO NOT PLAN TO HAVE DINNER, YOU ARE STILL WELCOME TO ATTEND THE PROGRAM. PLEASE LET US KNOW IF YOU WILL ATTEND. SUGGESTED ARRIVAL TIME IS 7:30PM.

SECTION CALENDAR

JUNE Summer break Board meeting TBD	SEPTEMBER TBD	OCTOBER TBD
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**Section Officers/Contacts
2009-10**

Chairman - Steve Pollard
HM: (425) 883 3267
WK: (206) 763-0990
E-MAIL: stevep@machinistsinc.com

1st Vice Chrmn: Prgm-Ken Johnson
Hm: (425)-957-3553
E-mail: KenJ40@yahoo.com

2nd V. Chrmn-Seminars: Paul Stone
Cell: (509)-220-6595
E-mail: pstone@esab.com

3rd Vice Chrmn-Student Chapters
Chad Ross
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E-mail: chad.ross.aws@gmail.com

Treasurer - Ken Hanes
Wk: 206.255.6742
E-mail: ken.hanes@airgas.com

Secretary/Membership:
Jennifer Bernard
HM: 253-445-5391
WK: 206-427-8420
E-mail: jennifer.bernard@airgas.com

Scholarship Chairman - Steve Nielsen
Hm: 425-259-3508
Publicity Chairman - Mike Cassidy
Hm 425 822-0132

Certification Chairman - Jerry Hope

Business Secretary/newsletter
Jerry Hope
Hm: 425-226-5116
Cell: (425)-531-2809
Email: jhope1@juno.com

Puget Sound Section Office
PO Box 59201,
Renton WA 98058-2201
Ph: 425-226-7018 Local

SCHOLARSHIPS

The Puget Sound section awards scholarships to students enrolled in weld programs at local colleges. The funds for these scholarships are from donations from members and other interested individuals, businesses or groups to train welders. If you would like to help welding students receive training/certification, please **Scholarship Chairman - Steve Nielsen** HM: (425) 259-3508 WK (425) 266-8388 E-MAIL: steven.t.nielsen@boeing.com or, The business office 425-226-7018, Leave message.

ENDOWMENTS

The Puget Sound Section has established an endowment to provide funds for welding trades training in our area. The endowment is to be based on the model described in the Sept 2007 Welding Journal editorial authored by Ronald C. Pierce, Chair, Board of Trustees, AWS Foundation. The goal is to raise \$50,000 over 5 years. Further, the Board agreed to encourage our student chapters to set up endowments for their schools.

CERTIFIED WELDING INSPECTOR PROGRAM

The next scheduled CWI Seminar/Test will be on Aug. 22-Aug. 28, 2010. For more information please go to the AWS web site: www.aws.org/w/s/certification/.

CWI's, Is your renewal date in 2010-11?

Please remember to notify The Certification Department of any address changes.

PUBLICATIONS:

To order publications: Contact the business secretary at jerryhope@member.aws.org, (Ph. 425-226-7018) for your publications. P.O.s and checks only. Members will receive the 25% member discount. A portion of the price goes to support your local section activities.

Need a publication in a hurry? The Section library is held by the Seattle Public Library. 1000 4th Ave. Phone: 206-386-4623. AWS members with a Seattle library card may check them out for 5 days. Limited free parking in the basement of the Library.

CERTIFIED PERSONNEL

Bring your copy of the newsletter to record your Professional Development Hours (PDH)


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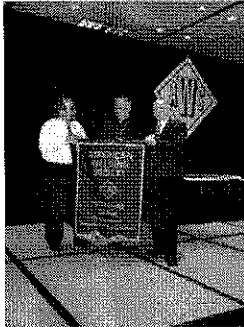
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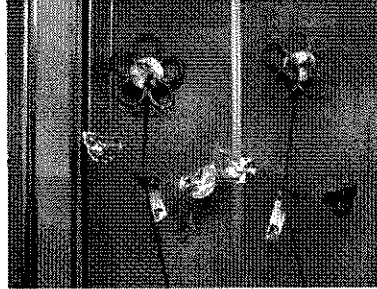
Tom Twedt (Branch Manager)
Art Nicklaus (Regional VP)
Greg Pesaturo (Account Manager)
David Hall (Account Manager)

The Officers of the Puget Sound Section
Would like to thank our sponsors,
speakers and members for the success
of our section during the 2009-10 year.

Some memorable moments from this past year.



AWS President Vic Mathews Presents Dist Dir Neil Shannon Jerry Hope Section endowment banner at Fabtec/AWS welding show Nov 2009



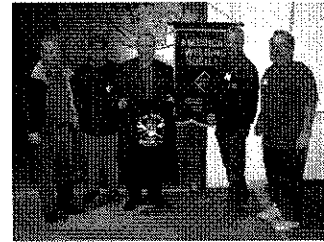
Art work donated to the section by Stanwood HS Student chapter in memory of Skip Kleppen



Center, Educator of the year, Darryl Main and Mrs Main, R with Chuck Daily, AWS Counselor

SECTION OFFICERS 2010-2011

- Chairman: Steve Pollard
- Vice Chair: Programs: Ken Johnson
- Vice Chair: Education: Paul Stone
- Secretary: Jennifer Bernard
- Treasurer: Steve Nielsen



Future of welding presented by AWS President Vic Mathews, L-R Ken Johnson V chair, Al Black Local 104, Vic Mathews, Steve Pollard Chairman, Neil Shannon District 19 Director.

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AWS D1.1, D1.2, D1.4, D1.5, D1.6, D17.1
AWS B2.1
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MAY 6, 2010

" Stress Analysis of Welds-inside and outside of Finite Element Analysis"

AMERICAN WELDING SOCIETY

PUGET SOUND SECTION

AWS Scholarship Funds-Available to Welding Students

Contact your School; College; Instructor; or AWS to fill out the AWS application. District and Section Scholarships are for any level of welding related educational programs. Visit the Puget Sound Section Web site at www.aws.org/Sections/ or Steve Nielson Phone (425) 259-3508. National Scholarships are generally for undergraduate students of a four-year program leading to a bachelor's degree. Applications are now available on-line from the AWS Foundation - www.aws.org/foundation.

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