



ASNT
SAN DIEGO
SECTION

Between the Cracks

San Diego Section
American Society for Non-Destructive Testing, Inc.

NEWSLETTER - Vol. 9, Issue 3 October 2019

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hansweber@earthlink.net

San Diego Section

of the American Society for

Non-Destructive Testing, Inc.

sd-asnt@cox.net

Website:

www.sd-asnt.org

Mr. Flynn Spears is the Speaker for November 5th, 2019

Our Speaker is Mr. Flynn Spears who works in strategic sales for **Laser Technologies, Inc.** He has been with this company for more than 8 years working in sales, technical support and field inspections. Mr. Spears has spent a portion of his career in aerospace NDI serving as an inspection technician for the USAF and Boeing. For the majority of his career, Mr. Spears worked for Zetec as a nuclear power steam generator inspector and data analyst and managed sales for Zetec's non-nuclear products. Other companies where Mr. Spears applied his vast industry knowledge and experience have been with Uniwest and GE for military sales and key account management. He is also an active and participating member of ASNT at both the local section level and serves at a national level as a board member and on various committees.

Topic Title: "Theory and Applications of Laser Shearography (Aerospace, Marine, Wind)".

Abstract: This talk is on the theory and application of Laser Shearography NDT on aerospace, marine, launch vehicles, and wind market segments.

Meeting Details

Tuesday, November 5th, 2019

Social time 5:00-6:00 PM

Dinner 6:00-7:00 PM

Presentation begins 7:00PM in the "Lord Jim Room" of the Best Western Seven Seas' Restaurant.

BOD Meeting 8:00-8:45PM

411 Hotel Circle S, San Diego, 92108

Meals to include: Green Salad, rolls served in baskets, **Dessert**, Coffee, Decaf, Hot or Iced Tea.

The meal choices for the

November 5th meeting are: **Roast Turkey & Dressing** w/ Mashed Potatoes and vegetables or **Baked Ham** w/ au gratin potatoes and vegetables should you have special dietary need **Vegan** or **Vegetarian Plate** is available on request prior to meeting date.

Please RSVP by the end of business November 1st, 2019, the Friday preceding the meeting with your intent to attend and meal choice.

On the email below:

sd-asnt@cox.net

www.bw7seas.com

Meeting Attendance at presentation only is no cost

Meeting Dinner Cost:

San Diego Section

ASNT Student Member,

Military, Lifetime and Retired Members: \$10.00

ASNT Members and Guests: \$26.00

Credit Cards accepted with a Processing Fee.

Year End Cash Raffle \$250.00

will be drawn at the **May 5th, 2020 Meeting**. When you purchase a dinner you will receive a **RED** raffle ticket. The more meetings you attend the more possible **RED** raffle tickets you will have to be entered into the drawing.

**You must be present at the
MAY 5th, 2020 MEETING to win.**



Save the Date: December 3rd: (Speaker tba)

Christmas Event-Spouse / Companion / Guest night: All spouses (significant others) will have dinner provided by the section. **Each person in attendance to bring a wrapped white elephant gift (\$10.00 - \$15.00)**



Between the Cracks

October Meeting Report

October 01, 2019 the San Diego Section hosted the 2nd Section Technical Meeting of the 2019 – 2020 year. The meeting was held at the Seven Seas Lodge, 411 Hotel Circle South, San Diego, CA with 18 members and guests in attendance.



The speaker for the evening was **Mr. Randy Jones**. The topic of his presentation was **“Corrosion is Where You Find It”**. Mr. Jones provided a bit of Ultrasonic testing 101. Have you ever wondered how ultrasonic techniques reveal corrosion in steel? How is it detected and once detected what should I do next? Applications discussed were Nuclear, Petro-Chemical, and Aviation on how corrosion begins and the amount of corrosion damage. This talk provided a learning experience in Ultrasonic Inspection. The presentation concluded with a lively Q/A session and a great round of applause.

The Section thanked Mr. Jones for his talk and presented him with a Certificate of Appreciation and a Speaker Gift.

The meeting concluded with raffles and the recognition of visiting vendors representing Randy Jones with Baker Hughes a GE Company, Jim Lyttle with Test Equipment Distributors, LLC, and the Matthew Karpic with Advanced Test Equipment Corp.

Monthly Raffle prizes were sponsored by San Diego Section and Larry Olsen, Northrop Grumman.

HAPPY FALL!!!!



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2019-2020 Technical / Administrative Program

San Diego Section of the American Society for NDT, Inc.

2019:

September 3rd: Albert Liang, "3D Ultrasonic Imaging of Structures Using SAFT and Wave Compounding with Application to Rail".

October 1st: Randy Jones, "Corrosion Is Where You Find It".

November 5th: Flynn Spears, "Theory and Application of Laser Shearography NDT (Aerospace, Marine, Wind)"

November 18th—21st, 2019 ASNT Annual Conference 2019 - Westgate Las Vegas Resort and Casino / Las Vegas, Nevada

December 3rd: (Speaker tba) -**Christmas Event-Spouse / Companion / Guest night**: All spouses (significant others) will have dinner provided by the section. Each person in attendance to bring a wrapped white elephant gift (\$10.00 - \$15.00)

2020:

January 7th: (Dark-No Meeting)

February 4th: "Past Chairman's Night", David Mitchell

March 3rd: Michael Mc Gloin "Value of Mentoring"

March 23rd - 26th ASNT 29th Research Symposium 2020.

April 7th: Mark Bell "What is Important in Metallurgical Failure Analysis, including NDT"

May 5th: "Annual Science Fair Awards" (NDT-related projects).

June (TBA) : Michael Diaz, Change of Gavel

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Dave Waitt

Account Mgr - South Western Region
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Director

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tel 713.222.7584 cell 281.995.7916 fax 713.222.9404
zac@ndtseals.com



2019 - 2020 NDT Educational Opportunities

We have posted a list of potential training courses for the 2019-2020 year (August through June).

Please contact **Education Chair - Gary Bass** with your requests, which he will attempt to accommodate if we obtain sufficient volunteer instructors for **Saturday** lectures. Please note instructors are not paid; however, they get recertification points if they hold ASNT/ACCP Level III.

Contact: Education Chairman Gary Bass

Email - gbchulavista@AOL.com

Phone - 619-794-6118 mobile

Chairman Michael Diaz

Email - mike.diaz05@gmail.com

Phone 619-890-4134 mobile

BOD - sd-asnt@cox.net BOD contact # 619-444-2319

To promote the general advancement of the [NDT] industry;

- ◆ To educate the public in the area of nondestructive testing;
- ◆ To provide a forum for exchange of [NDT] technical information;
- ◆ To facilitate training, education and research in the [NDT] field;
- ◆ To engage in any and all lawful activities incidental to the foregoing purposes except as restricted herein.

Level I & Level II courses satisfy the requirements of SNT-TC-1A/NAS-410. **Non-member fees** (which includes a one-year ASNT membership). **24, 32, and 40-hour courses:** held **Saturdays, 8:00 to 5:00** unless facility or instructor availability are different.

- ◆ **Visual/Dimensional Level I / Level II** (24hrs)
- ◆ **VT** (24hrs) **Members:** \$425 **Non-member:** \$500
- ◆ **Liquid Penetrant Level I / II** (32 hrs)
- ◆ **PT - I / II** (32 hrs) **Members:** \$750 **Non-member:** \$825
- ◆ **Magnetic Particle Level I / II** (32 hrs)
- ◆ **MT - I / II** (32 hrs) **Members:** \$750 **Non-member:** \$825
- ◆ **Ultrasonic Level I** (40 hrs)
- ◆ **UT - I** (40hrs) **Members:** \$600 **Non-member:** \$675
- ◆ **Ultrasonic Level II** (40 hrs)
- ◆ **UT - II** (40hrs) **Members:** \$600 **Non-member:** \$675
- ◆ **Radiography Level I** (40 hrs)
- ◆ **RT - I** (40hrs) **Members:** \$600 **Non-member:** \$675
- ◆ **Radiography Level II** (40 hrs)
- ◆ **RT - II** (40hrs) **Members:** \$600 **Non-member:** \$675

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CA1000 - A.C./D.C. Contour Probe Model 40 is available for A.C. only operation.



The B200-MR contains electronic circuitry that is sealed within the housing of the instrument. There is no electrical contact between the surface and internal circuit. This seal increases useful life, eliminates connector safety plug durability and is usually suited for high temperature applications.



B210 - Bore with "V" Not Sides. Kit items are available with the probe and with Removable Inspection Module including back light and steel carrying case.



D4000 - A.C./D.C. Contour Probe available in series or 10 Series. May be ordered with the MAG View Light at extra cost.

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Between the Cracks

Call for Awards Nominations to the Board

The Section is looking for your nomination(s) for individuals who may meet any of the following:

Lou DiValerio Technician of the Year Award

The *Lou DiValerio Technician of the Year Award* acknowledges those ASNT members who are deserving technicians, to encourage their continued participation in the Society. Nominees for the award must hold a position of employment that corresponds to general guidelines similar to those described by Recommended Practice No. SNT-TC-1A for defining the primary duties and responsibilities of Level I and Level II technicians.

Fellow of ASNT

A *Fellow of ASNT* is an individual member of the Society who has 15 years NDT professional experience; 10 years ASNT membership and has supported the Society through contributions and participation at the local and/or national level. A Fellow must have demonstrated outstanding professional distinction, and must have made continued significant contributions to the advancement of NDT in areas such as management, engineering, science, education, administration or planning.

Mentoring Award

The *Award for Outstanding Mentor* was established to recognize those people in the Society working to encourage others to reach goals they may have otherwise not sought, and to offer the rest of the membership an example of what they could be accomplishing by acting as mentors.

Award for the Advancement of Active Military and Veterans in NDT

The *Award for the Advancement of Active Military and Veterans in NDT* recognizes individuals or organizations who encourages Active Military and Veterans to enter and thrive in the field of NDT, either through creation and/or implementation of programs that provide educational or career advancement opportunities in NDT that may not otherwise be available to Active Military and Veterans or through leading by example of how Active Military and Veterans can not only have a career in NDT but also contribute greatly to NDT, ASNT, and to creating a safer world.

Award for the Advancement of Women in NDT

The *Award for the Advancement of Women in NDT* recognizes individuals or organizations who encourage women to enter and thrive in the field of NDT, either through creation and/or implementation of programs that provide educational and/or career advancement opportunities in NDT that may not otherwise be available to women or through leading by example of how women can not only have a career in NDT but also contribute greatly to NDT, ASNT, and to creating a safer world.

Contact the Awards Committee Chair: Larry Olsen or any San Diego Section BOD member for further information on how to nominate any individual. Nominations must be sent to ASNT Headquarters and **postmarked by 1 February 2020**

Please note: All nominees must be sponsored by an ASNT Section, ASNT Council or ASNT National Committee. ASNT's goal is to recognize the individual member who has taken the NDT/NDE career path and is dedicated to making the world a safer place. Please help to encourage our young ASNT members by nominating someone!

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Peter Pelayo

Mgr. Quality Assurance
ASNT Level 3



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Between the Cracks

Job Posting - October

Local Company:

Company: Chromalloy San Diego
Address: 7007 Consolidated Way, San Diego,
Ca 92121

Ph #: 858-877-2800

E-Mail: mdingle@chromalloy.com

Position: Radiography Level II

Certification Requirements: NAS-410

Any other pertinent information / Skills:

Computed Radiography experience and Additional NDT Method will be a plus.

Apply online at www.chromalloy.com/careers

Posted on: WWW.ASNT.ORG

Company	Job Title	Posted
Powertech Labs Inc	Engineer, NDT Inspections	27 Sep
Applied Technical Services	Experienced Level II ET Level III ET Technician	24 Sep
JIREH Industries	Equipment Support Representative	23 Sep
Gilbert Consulting Services	NDE Level III Spec IV	23 Sep
Prism Maritime LLC	ASNT NDT Level III Structural QSS	19 Sep
Lockheed Martin	Non Destructive Testing Level III	18 Sep
AAR Aircraft Services	Sr Inspector, NDT Level 2	11 Sep
Pelco Structural	Quality Manager	10 Sep
EnerSys	NDT Level III Radiographer	10 Sep



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NDT Training, Scheduled courses for January – December 2019

Greatly Expanded Schedule of Classes for 2019

We will be Scheduling **WEEKEND TRAINING COURSE** please contact Cathy for dates

NDT Level I and II Courses

Magnetic Particle Level I/II SNT-TC-1A
(24 hours) \$845
February 4-6, April 1-3, June 3-5, August 5-7,
October 7-9, December 2-4

Penetrant Level I/II SNT-TC-1A
(16 hours) \$695
February 7-8, April 4-5, June 6-7, August 8-9,
October 10-11, December 5-6

Ultrasonic Testing Level I
(40 hours) \$1295
February 11-15, April 8-12, June 10-14,
August 12-16, October 15-18, December 9-13

Ultrasonic Testing Level II
(40 hours) \$1295
February 18-22, April 15-19, June 17-21,
August 19-22, October 21-25, December 16-20

Radiation Safety (IRRSP Preparation)
(40 hours) \$1295 (Approved by State of CA)
January 7-11, April 22-26, August 26-30

Radiography Testing Level I
(40 hours) \$1295
January 14-18, April 29-May 3, September 9-13

Radiography Testing Level II
(40 hours) \$1295
January 21-25, May 6-10, September 16-20

Film Interpretation (40 hours) \$1295
January 28-February 1, May 13-17,
September 23-27

Eddy Current Testing Level I (40 hours) \$1295
March 18-22, July 15-19

Eddy Current Testing Level II (40 hours) \$1295
March 25-29, July 22-26

Visual Testing Level II (24 hours) \$845
January 2-4, July 1-3, Sept 30-Oct 2, Nov 25-27

Phased Array Training

These are Level I and II UT PA courses to meet the SNT-TC-1A (2011) certification requirements

Introduction to Phased Array, (16 hours) \$1195
March 4-5, October 28-29

Ultrasonic Phased Array Level I (SNT-TC-1A) (40 hours)
\$1995
March 4-8, October 28-November 1

Ultrasonic Phased Array Level II (SNT-TC-1A) (40 hours)
\$1995
March 11-16, November 4-8

Ultrasonic Phased Array Composite Inspection
New for 2019 (40 hours) \$1995
July 8-12, November 12-15

Back for 2019, Scheduled, ASNT NDT Level III Examination, Refresher Courses

Basic Level III – Includes text book package worth over \$300 (40 hours) \$1395	Feb 25-Mch 1
Eddy Current Level III (24 hours) \$995	July 29-Aug 2
Visual Testing Level III (16 hours) \$795	September 4-5
Magnetic Particle Level III (16 hours) \$795	May 20-21
Penetrant Level III (16 hours) \$795	May 22-23
Radiography Level III (24 hours) \$995	May 28-30
Ultrasonic Level III (40 hours) \$1395	June 24-28

Additional "Ad Hoc" NDT Training Courses

Please call for dates for the below courses

Magnetic Particle Level II NAS 410	(32 hours) \$1195
Penetrant Testing Level II NAS 410	(32 hours) \$1195
Ultrasonic Thickness Testing	(40 hours) \$1295
Digital Radiography Testing	(40 hours) \$1995
Eddy Current Array Aerospace	(40 Hours) \$1995

Back for 2019

CWI Examination Preparation Course (40 hours) \$1595
Note: This will be scheduled over 4 (10 Hour) Saturdays.

Qualification Examinations prepared, and administered, procedures written, level III outside agency services and contracts available.

Any of our courses can also be held at your facility just for your staff. Call for details

OUR POLICY IS NOT TO CANCEL COURSES IF YOU ENROLL & PAY 2 WEEKS IN ADVANCE

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