



ASNT
SAN DIEGO
SECTION

Between the Cracks

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

NEWSLETTER - Vol. 10, Issue 5 December 2020/January 2021

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

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Mr. Randy Jones will be the Speaker for February 2nd 2021

Our Speaker will be **Mr. Randy Jones**. Randy is the Western Regional Manager, Engineer, and ASNT Level III at Waygate Technologies, a Baker Hughes company.

Mr. Jones has thirty-eight years working in NDT in engineering, inspection, and sales. Most of Randy's knowledge has been acquired while working primarily in aerospace and nuclear power but also in petrochemical, pulp/paper, automotive and mining.

In 1982, there were very few companies hiring electronics engineers with very little, or no experience. After numerous interviews and the subsequent letters of rejection, the Garrett Turbine Engine Company finally hired Randy. While at Garrett, he performed research and development on automated systems for inspection of new engine components. In 1985, Krautkramer hired Randy as a Technical Sales Engineer to sell ultrasonic instruments. With the fall of the Iron Curtain that resulted in severe cutbacks in the defense and aerospace markets it was time for a change. In 1991, Mobile Inspection employed Randy at the San Onofre Nuclear Generating Station to support their erosion/corrosion program followed by the large steam turbine project. In 1996, Randy returned to selling Krautkramer instruments with a greater knowledge of how to support his customers. Inspection Technologies, Inc. became the manufacturers' representative for Krautkramer in 2001. Randy joined the cast at Inspection Technologies to complete the show. Last February Randy accepted an offer from GE to cover their portable UT and ET instrumentation and applications.

Topic Title: "NonDestructive Testing, Inspection and Evaluation, When, Why and How"

Abstract: Material characteristics can be tested and compared to other materials, products can be inspected for flaws and the results can be evaluated and measured against accept/reject criteria. We often use the terms of NonDestructive Testing, Inspection and Evaluation interchangeably but what do they really mean? This is the topic of this presentation. In all my years of working in this subject field I have never heard this explained. Bring your questions, open your mind and we all may learn something.

Meeting Details

The next technical meeting will be:

Tuesday, February 2nd, 2021

Meeting will be virtual using Webex.

Please check the San Diego Section of the American Society for Non-Destructive Testing, Inc. website for a link to register

www.sd-asnt.org

Presentation begins 6:30PM

And keep a lookout in your inbox for a Webex invitation from sender "ASNT San Diego Section" for a link to register

Save the Date:

March 2nd:

Speaker is

Marybeth Miceli

Year End Cash Raffle \$250.00

will be drawn at the **May 4th, 2021 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 4th, 2021 MEETING to win.**



November Meeting Report

03 November, 2020 the San Diego Section hosted the 3rd Section Technical Meeting of the 2020-2021 year.

The speaker for the evening was Mr. Michael McGloin, ASNT President for 2019-2020 and 2020-2021 ASNT Chairperson of the Board. Michael has his own consulting business; NDT Enterprises, and he presented a talk on "Self Employment". The session covered topics including incorporation, taxes, health insurance, payroll, retirement, getting paid, and fees. The topic of getting paid by customers including the terms of the PO and fine print generated considerable discussion during the presentation.

The presentation was well received and concluded with a Q/A session with discussion on the topics of marketing, legal services, and liability insurance.

The Section thanked Mr. McGloin for his talk.

2020-2021 ASNT Events

9 - 12 November 2020 - ASNT Annual Conference 2020 - Virtual Conference

3 - 5 February 2021 - International Chemical and Petroleum Industry Inspection Technology Conference Sugar Land Marriott Town Square, Sugar Land, TX

26 - 29 April 2021 - ASNT Research Symposium 2021 Westin Westminster, Westminster, CO

22 - 24 June 2021 - NDT of Composites 2021 Hyatt Regency Lake Washington, Renton, WA

5 - 9 July 2021 - 7th US-Japan NDT Symposium Waikoloa Beach Marriott Resort & Spa, Waikoloa, HI

27 - 29 July 2021 - Digital Imaging for NDT 2021 Silver Legacy Resort Casino, Reno, NV

17 - 19 August 2021 - 16th International Symposium on Nondestructive Characterization of Materials

Royal Sonesta Harbor Court Baltimore, Baltimore, MD

15 - 18 November 2021 - ASNT Annual Conference 2021 - Renaissance Phoenix Downtown, Phoenix, AZ

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2020-2021 Technical / Administrative Program

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

2020:

September 1st: Gabriel Cyr, "Naval applications of Pulsed Eddy Current (PEC) "

October 6th: Mark Bell, "What is Important in Metallurgical Failure Analysis, including NDT"

November 3rd: Michael McGloin , "Self Employment"

November 9th—12th 2020 ASNT Annual Conference 2020– Virtual Conference

2021:

January 5th: (Dark-No Meeting)

February 2nd: "Past Chairman's Night", Speaker Randy Jones, "NonDestructive Testing, Inspection and Evaluation, When, Why and How"

March 2nd: Marybeth Miceli, Topic TBD

April 6th: Jim Hofer, Topic TDB

May 4th: "2021 Annual Science Fair Awards" (NDT-related projects). Year End Cash Raffle– must be in Attendance

15 - 18 November 2021 - ASNT Annual Conference 2021 - Renaissance Phoenix Downtown, Phoenix, AZ

Local Company Hiring:

If you are looking for a new hire and would like to post your opening in this newsletter please let us know,

email - sdasnt@gmail.com

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PL-Cable Reel™ Full plastic carrying case for Contour™ Probes and accessories. All items are also available with dry powder, wet fluorescent inspection medium and track light.



The Parker DA1500-DR portable magnetic inspection unit provides high output AC or HREDC for magnetic particle inspection. Current output is instantly variable from zero to maximum. It is equipped with a new digital LCD display. A variety of accessories are also available including cables, pins and transport carts.



The E200 MR contains electronic circuitry that is shielded within the housing of the instrument. There is no electrical contact between the search and internal circuit. The new innovative switch offers improved operator safety plus durability and is ready suited for high moisture area applications.



D400 - A.C./D.C. Contour Probe Available in various kit forms. May be ordered with the V100 Voice Light at extra cost.



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2020 - 2021 NDT Educational Opportunities

Call for Awards Nominations to the Board

We have posted a list of potential training courses for the 2020-2021 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

BOD - sdasnt@gmail.com

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:** \$450 **Non-member:** \$525
- ◆ **Liquid Penetrant Level I / II** (32 hrs)
- ◆ **PT - I / II** (32 hrs) **Members:** \$850 **Non-member:** \$925
- ◆ **Magnetic Particle Level I / II** (32 hrs)
- ◆ **MT - I / II** (32 hrs) **Members:** \$850 **Non-member:** \$925
- ◆ **Ultrasonic Level I** (40 hrs)
- ◆ **UT - I** (40hrs) **Members:** \$650 **Non-member:** \$725
- ◆ **Ultrasonic Level II** (40 hrs)
- ◆ **UT - II** (40hrs) **Members:** \$650 **Non-member:** \$725
- ◆ **Radiography Level I** (40 hrs)
- ◆ **RT - I** (40hrs) **Members:** \$650 **Non-member:** \$725
- ◆ **Radiography Level II** (40 hrs)
- ◆ **RT - II** (40hrs) **Members:** \$650 **Non-member:** \$725

Credit Cards accepted with a Processing Fee.

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 2021**

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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NDT Training, Scheduled courses for January – December 2021

NDT Level I and II Courses

Magnetic Particle Level I/II SNT-TC-1A

(24 hours) \$845
Jan 4-6, Jan 25-27, Feb 15-17, March 8-10,
March 29-31, April 19-21, May 10-12, June 7-9,
June 28-30, July 19-21, Aug 9-11, Aug 30-Sept 1,
Sept 20-22, Oct 11-13, Nov 1-3, Nov 29-Dec 1

Penetrant Level I/II SNT-TC-1A

(16 hours) \$695
Jan 7-8, Jan 28-29, Feb 18-19, March 11-12,
April 1-2, April 22-23, May 13-14, June 10-11,
July 1-2, July 22-23, Aug 12-13, Sept 2-3,
Sept 23-24, Oct 14-15, Nov 4-5, Dec 2-3

Ultrasonic Testing Level I

(40 hours) \$1295
Jan 11-15, Feb 1-5, Feb 22-26, March 15-19,
April 5-9, Apr 26-30, May 17-21, June 14-18,
July 6-9, July 26-30, Aug 16-20, Sept 7-10,
Sept 27-Oct 1, Oct 18-22, Nov 8-12, Dec 6-10

Ultrasonic Testing Level II

(40 hours) \$1295
Jan 18-22, Feb 8-12, March 1-5, March 22-26,
April 12-16, May 3-7, May 24-28, June 21-25,
July 12-16, Aug 2-6, Aug 23-27, Sept 13-17,
Oct 4-8, Oct 25-29, Nov 15-19, Dec 13-17

Radiation Safety (IRRSP Preparation)

(40 hours) \$1295 (Approved by State of CA)
January 4-8, March 8-12, May 10-14,
September 13-17, November 29-December 3

Radiography Testing Level I

(40 hours) \$1295
January 11-15, March 15-19, May 17-21,
September 20-24, December 6-10

Radiography Testing Level II

(40 hours) \$1295
January 18-22, March 22-26, May 24-28,
September 27-October 1, December 13-17

Film Interpretation (40 hours) \$1295

Jan 25-29, March 29-April 2, Oct 4-8

Eddy Current Testing Level I (40 hours) \$1295

Feb 1-5, April 26-30, Aug 23-27, Oct 18-22

Eddy Current Testing Level II (40 hours) \$1295

Feb 8-12, May 3-7, Aug 30-Sept 3, Oct 25-29

Visual Testing Level II (24 hours) \$845

June 1-3, Nov 22-24, Dec 20-22

Phased Array Training

Introduction to Phased Array, (16 hours) \$1195

Feb 15-16, April 5-6, Aug 2-3, Nov 1-2

Ultrasonic Phased Array Level I (SNT-TC-1A) (40 hours)

\$1995
Feb 15-19, April 5-9, Aug 2-6, Nov 1-5

Ultrasonic Phased Array Level II (SNT-TC-1A) (40 hours)

\$1995
Feb 22-26, April 12-16, Aug 9-13, Nov 8-12

Ultrasonic Phased Array Composite Inspection

New for 2021 (40 hours) \$1995
March 1-5, April 19-23, Aug 16-20, Nov 15-19

**Back for 2021, Scheduled,
ASNT NDT Level III Examination,
Refresher Courses**

Basic Level III – Includes text book package worth over \$300 (40 hours) \$1395	June 7-11
Eddy Current Level III (24 hours) \$995	June 21-23
Visual Testing Level III (16 hours) \$795	June 24-25
Magnetic Particle Level III (16 hours) \$795	June 14-15
Penetrant Level III (16 hours) \$795	June 16-17
Radiography Level III (24 hours) \$995	June 1-3
Ultrasonic Level III (40 hours) \$1395	June 28-July2

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	

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

Any Training Classes can be scheduled at any time for 4 or more students

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

TEST NDT does not have any pre-requisites for attending any of our courses, it is entirely up to the attendee to determine whether the course is suitable for their needs and whether they are capable of achieving the standards. Please study the applicable course outline and decide if the course is suitable for your needs before enrolling, if in doubt, please contact us to discuss. For employer funded attendees, please discuss the suitability of any of the courses with your employers responsible NDT Level III before enrolling.

OUR POLICY IS NOT TO CANCEL COURSES IF YOU ENROLL & PAY 2 WEEKS IN ADVANCE
For questions or to enroll contact us at www.testndt.com, email ndttrain@aol.com, Ph (714) 255-1500