



ASNT  
SAN DIEGO  
SECTION

# Between the Cracks

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

NEWSLETTER - Vol. 10, Issue 6 February 2021

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San Diego Section

of the American Society for

Non-Destructive Testing, Inc.

[sdasnt@gmail.com](mailto:sdasnt@gmail.com)

Website:

[www.sd-asnt.org](http://www.sd-asnt.org)

## Ms. Marybeth Miceli will be the Speaker for March 2nd 2021

### Our Speaker will be Ms. Marybeth Miceli.

Ms. Miceli is the President and founder of Miceli Infrastructure Consulting, a company she founded in 2010 to help owners and emerging SHM and NDT technology providers work together to solve some of the biggest challenges in civil infrastructure. She is also the Executive Director of the Nondestructive Testing Management Association (NDTMA). Ms. Miceli is additionally the Co-Founder of the We-NDT Marketing Network, a business & marketing consulting firm which also publishes NDTnow.com.

She has over 25 years' experience in NDT and Structural Health Monitoring. She is a Chartered Engineer by BINDT and a Materials Science Engineer with degrees from Johns Hopkins and Virginia Tech. She has extensive experience in technology commercialization, NDE research, failure analysis, NDT & SHM field assessments, & quality assurance. She's worked on projects such as fatigue analysis of the George Washington Bridge, the NY Mets baseball stadium, and condition assessment of the Empire State Building antenna as well as various bridges around the world. Miceli is on the US Federal Highway NDT Research Working Group, ASTM E.07.10, and the National Academy of Sciences Field Testing of Bridges Committee. She has also been on the ASNT Board for 6 of the last 12 years, chaired the Infrastructure Committee for 5 years, Chaired the SOC as we as the MNYNNY Section, and is currently the chair of the Women in NDT Committee.

**Topic Title:** "The immediate and lasting effects of COVID on the NDT industry"

**Abstract:** Ms. Miceli will give a 3-part presentation. The first will be on the immediate and lasting effects of COVID on the NDT industry from NDE 4.0 to digital engagement to sector diversification to onshoring. This part of the presentation will build on the presentation given for BINDT, selected as the President's Honour lecture in the fall of 2020. The second part will be an update on the goings-on at NDTMA, the monthly joint webinars with ASNT, the August conference, and regulatory efforts. The last part will be about opportunities on the new NDT news platform NDTnow.com for companies looking to promote product demos, white papers, webinars, and more.

## Meeting Details

*The next technical meeting will be:*

**Tuesday, March 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](http://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:**  
April 6th: **Speaker** is

James Hofer

## 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.**



February Meeting Report

02 February, 2021 the San Diego Section hosted the 4th Section Technical Meeting of the 2020-2021 year.

The speaker for the evening was Mr. Randy Jones. Randy is the Western Regional Manager, Engineer, and ASNT Level III at Waygate Technologies, a Baker Hughes company, and he presented a talk on "NonDestructive Testing, Inspection and Evaluation, When, Why and How". The session began with a discussion on how testing flows to inspection which flows to evaluation. Topics included composite ultrasonic inspection on exotic automobiles and flow accelerated corrosion in nuclear powerplants.

The presentation was well received and concluded with a Q/A session.

The Section thanked Mr. Jones 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, "The immediate and lasting effects of COVID on the NDT industry"

April 6th: Jim Hofer, "NDT– New Drone Technology"

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](mailto:sdasnt@gmail.com)

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D310 - Shows with "K" 34 items. 20 items are available with dry powder and wet fluorescent inspection mediums, including track light and steel carrying case.



D400 - A.C./D.C. Contour Probe Model A210 available for A.C. only operation.



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



E200 MR Contour Probe is a rugged high performance instrument for magnetic particle inspection. This unit provides a strong AC field and includes Parker's original flexible leg design that allows the field to be "focused" at a precise area of inspection.



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 "V"LED "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](mailto:gbchulavista@AOL.com)**

**Phone - 619-794-6118 mobile**

**BOD - [sdasnt@gmail.com](mailto: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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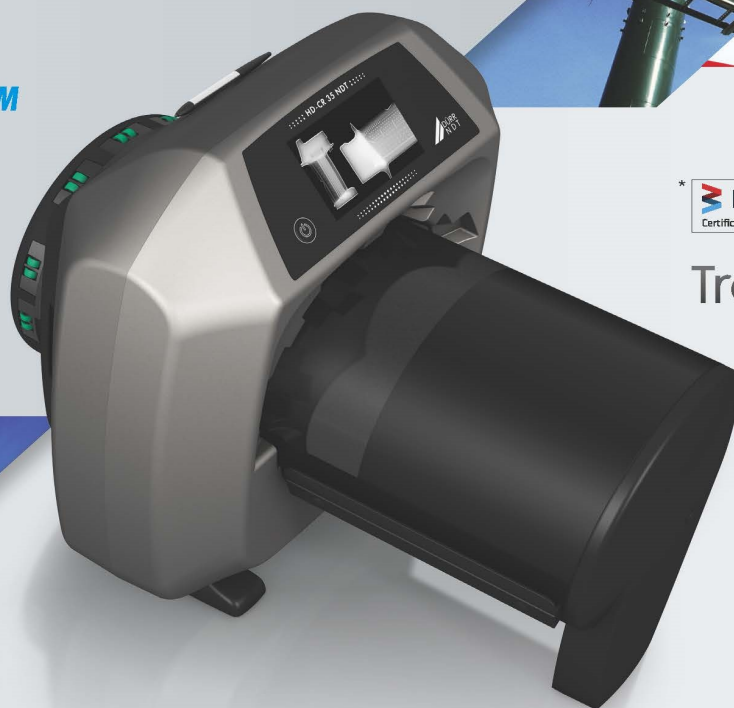
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**NDT Training, Scheduled courses for January – December 2021**

**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**

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

**Additional "Ad Hoc" NDT Training Courses**

*Please call for dates for the below courses*

<b>Magnetic Particle Level II NAS 410</b> (32 hours) \$1195	
<b>Penetrant Testing Level II NAS 410</b> (32 hours) \$1195	
<b>Ultrasonic Thickness Testing</b> (40 hours) \$1295	
<b>Digital Radiography Testing</b> (40 hours) \$1995	
<b>Eddy Current Array Aerospace</b> (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](http://www.testndt.com), email [ndttrain@aol.com](mailto:ndttrain@aol.com), Ph (714) 255-1500