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SAN DIEGO
SECTION

Between the Cracks

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

NEWSLETTER - Vol. 10, Issue 1 July-August 2020

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

sdasnt@gmail.com

Website:

www.sd-asnt.org

Mr. Gabriel Cyr will be the Speaker for September 1st 2020

Our Speaker will be **Mr. Gabriel Cyr** a junior applications engineer at Eddyfi Technologies.

Topic Title: "Naval applications of Pulsed Eddy Current (PEC)"

Abstract: This session presents an effective approach for in-service assessment of deck plates corrosion in aging ships without removing floor tiles and coatings. Non-intrusive inspection using PEC enables an earlier corrosion assessment, minimizing refit schedule disruption and cost arising from unplanned repairs.

Meeting Details

Tuesday, September 1st, 2020

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 6:00PM

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

Incoming and Past Chairman's Messages coming soon...

Save the Date:
October 6th:
Speaker is
Mark Bell

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.



Between the Cracks

COVID Impact on 2020 Meetings

Until further notice all monthly section meeting will be virtual.

Please check the section website for the link to the virtual meeting which will occur at 6pm on the first Tuesday of the month.

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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: Speaker TBD,

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

December 1st: U.S. Navy Captain Tim Verhoef (Retired), "USS Midway Museum".

2021:

January 5th: (Dark-No Meeting)

February 2nd: "Past Chairman's Night", Speaker TDB,

March 2nd: Speaker TDB,

April 6th: Speaker TDB,

May 4th: "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

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2020 - 2021 NDT Educational Opportunities

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: \$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)
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- ◆ Radiography Level II (40 hrs)
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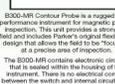
PL-Class Super-Tuff plastic carrying case for Contour Probe and accessories. All items are also available with dry powder, wet fluorescent inspection medium and back light.



The Parker DA1000-DR portable magnetic inspection unit is a rugged, portable unit for magnetic particle inspection. Current output is adjustable, variable from zero to maximum, and is indicated by a new digital LCD display. An array of accessories are also available including cables, leads and transport carts.



B300-AR Contour Probe is a rugged high performance instrument for magnetic particle inspection. This unit provides a strong AC field and includes Parker's original feed-the-rod design that allows the field to be "focused" at a precise area of inspection.



The DA400 contains electronic circuitry that is sealed within the housing of the instrument. There is no electrical contact between the surface and internal circuit. This new electronic design offers improved operator safety plus durability and is ideally suited for high moisture area applications.



B310 - Shown with "A" kit items. Kit items are available with dry powder and wet fluorescent inspection medium, including back light and steel carrying case.



DA400 - AC/D.C. Contour Probe Available in various kit forms. May be ordered with the M300 "View Light" at extra cost.

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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

Local Company Hiring:

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email - sdasnt@gmail.com

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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 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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Between the Cracks

Mark Bell is the Speaker for October 6th 2020

Mark Bell, PE, is a graduate of Cal Poly in Metallurgical Engineering. He has metallurgical experience in factories and in construction regarding welding, corrosion wear, NDT and failure analysis. 1984 was the year he became a full time, independent consultant. He has taught AWS CWI Classes nationwide. He has been CWI with endorsements in D1.1, D1.5 and API 1104. Mark travels and teaches classes for ASM in Failure Analysis, Corrosion, Welding and Metallurgy for the Non-Met. He served on the Board of Directors for the AWS from 1992 to 2004. He has held Level III certifications in methods: MT, VT and PT in accordance with TC1A. He has used the Level III in VT for inspection and training classes in the Pharmaceutical Industry. His consulting business is in failure analysis, welding, and corrosion, located in San Diego. NDT is a key step in conducting a good Metallurgical Failure Analysis.

Topic Title: "What is Important in Metallurgical Failure Analysis, including NDT"

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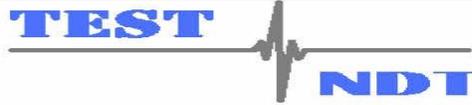


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NDT Training, Scheduled courses for January – December 2020

Greatly Expanded Schedule of Classes for 2020

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
Jan 6-8, Feb 24-26, April 13-15, June 1-3,
July 20-22, Sept 21-23, Oct 26-28, Nov 30-
December 2

Penetrant Level I/II SNT-TC-1A

(16 hours) \$695
Jan 9-10, Feb 27-28, April 16-17, June 4-5,
July 23-24, Sept 24-25, Oct 29-30, Dec 3-4

Ultrasonic Testing Level I

(40 hours) \$1295
Jan 13-17, March 2-6, April 20-24, June 8-12,
July 27-31, Sept 8-11, Nov 2-6, Dec 7-11

Ultrasonic Testing Level II

(40 hours) \$1295
Jan 20-24, March 9-13, April 27-May 1,
June 15-19, Aug 3-7, Sept 14-18, Nov 16-20,
Dec 14-18

Radiation Safety (IRRSP Preparation)

(40 hours) \$1295 (Approved by State of CA)
Jan 27-31, March 16-20, May 4-8, June 22-26,
August 10-14, Sept 28-Oct 2, Nov 30-Dec 4

Radiography Testing Level I

(40 hours) \$1295
Feb 3-7, March 23-27, May 11-15,
June 29-July 2, Aug 17-21, Oct 5-9, Dec 7-11

Radiography Testing Level II

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July 6-10, Aug 24-28, Oct 12-16, Dec 14-18

Film Interpretation (40 hours) \$1295

May 26-29, Nov 9,10,12,13

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

Feb 10-14, August 24-28

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

February 17-21, August 31-September 4

Visual Testing Level II (24 hours) \$845

May 26-28, December 21-23

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 30-31, October 12-13

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

\$1995
March 30-April 3, October 12-16

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

\$1995
April 6-10, October 19-23

Ultrasonic Phased Array Composite Inspection

New for 2020 (40 hours) \$1995
May 18-22, July 13-17

**Back for 2020, Scheduled,
ASNT NDT Level III Examination,
Refresher Courses**

Basic Level III – Includes text book package July 6-10
worth over \$300 (40 hours) \$1395

Eddy Current Level III (24 hours) \$995 November 23-25

Visual Testing Level III (16 hours) \$795 November 9-10

Magnetic Particle Level III (16 hours) \$795 July 13-14

Penetrant Level III (16 hours) \$795 July 15-16

Radiography Level III (24 hours) \$995 December 21-23

Ultrasonic Level III (40 hours) \$1395 December 14-18

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 2020

CWI Examination Preparation Course (40 hours) \$1595

Note: This will be scheduled over 4 (10 Hour) Saturdays.

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