



Between the Cracks

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

SD-ASNT
NEWSLETTER

Vol. 7, Issue 3
October 2017

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**Save Date of
December 5th
Speaker:
Mary Jo
Davis**

Mr. Mark Bell is Speaker for November 7th

Mr. Mark Bell will be our speaker for the November 07, 2017 technical meeting. This will be our 3rd technical meeting of the 2017– 2018 year.

Mr. Bell, PE, is a graduate of Cal Poly in Metallurgical Engineering. He has taught AWS CWI Classes nationwide. Mr. Bell has been a CWI with endorsements in D1.1, D1.5 and API 1104. He travels and teaches classes for ASM in Failure Analysis, Corrosion, Welding and Metallurgy for the Non-Metallurgist. Mr. Bell served on the Board of Directors for AWS from 1992 to 2004. He has held Level III certifications in methods: MT, VT and PT in accordance with ASNT-SNT-TC1A.

Mr. Bell's consulting business is in failure analysis, welding, and corrosion evaluation, located in San Diego. NDT is a key step in conducting a good Metallurgical Failure Analysis.

Title of the his talk is: "**Role of NDT in Metallurgical Failure Analysis**" This presentation will cover case histories in Metallurgical Failure Analysis and how the use of NDT has been an important step in the solution of problems in machinery, weldments, structures and pipelines. The advances in NDT have made better manufacturing processes for metals, perhaps even more than advances in metallurgy.

A Note From The International Service Center

Larry (SD-ASNT)

I wanted to share a great story with you that just happened this afternoon at the **G.I.R.L. 2017**- the Girl Scout Convention which is going on this weekend in Columbus, OH. **ASNT** has a booth in the **STEM Pavilion** as a way to expand the knowledge of NDT. A wonderful woman came by and said her son (**Francisco Catanzaro**) recently received a scholarship from the local ASNT. She is from San Diego and her son was an 8th grader last year and did a science fair project using **Ground Penetrating Radar to Locate Gophers**.

Of course I immediately remembered reading about it as a submission from you and she was delighted when I mentioned your name. As far away as San Diego is, the NDT makes it so much closer.

Thank you for all of the outreach and scholarship programs that you have done.

Pat White

Meeting Details

Tuesday, November 7th, 2017

BOD Meeting 5:00-5:30PM

Social time 5:30-6:15 PM

Dinner 6:30-7:30 PM

Presentation begins 7:30PM in the "**Lord Jim Room**" of the **Best Western Seven Seas' Restaurant**. 411 Hotel Circle S, San Diego, 92108

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

The meal choices for the **November 7th** meeting are: **Roasted Turkey** or **Grilled Salmon** should you have special dietary need **Vegan** or **Vegetarian Plate** is available on request prior to meeting date. Please contact **Larry Olsen** at

619-444-2319 or at the e-mail below:

sd-asnt@cox.net

Please RSVP by the end of business November 3rd, 2017, the Friday preceding the meeting with your intent to attend and meal choice.

www.bw7seas.com

Meeting Attendance at presentation only is no cost

Meeting Dinner Cost:

San Diego Section

ASNT Student Member,

Military and Retired Members: \$10.00

ASNT Members and Guests: \$25.00



Between the Cracks

Ms. Mary Jo Davis is Speaker for December 5th

Ms. Mary Jo Davis will be our speaker for the December 05, 2017 technical meeting. This will be our 4th technical meeting of the 2017– 2018 year.

Ms. Davis is a second generation San Diegan. Ms Davis and her daughter (Denise McKay) are both members of **“Grand Ladies of the Old West”**. The group was formed in March of 2003 and is made up of 14 ladies. The **“Grand Ladies of the Old West”** founder is Ms Mary Jo Davis. She and the other ladies use names of ladies from the Old West. Let me introduce **“Sonora Red”** to you she is with her horse **“Max”**. Ms Davis and her daughter ride in parades, perform in the community and educate children about the old west. The group has numerous awards for their participation at many of the events the **“Grand Ladies of the Old West”** are in.




Title of the her talk is: **“The Old West: San Diego History”**.

- ◆ Don't Forget this is the Christmas Event– Spouses / Companion / Guest night: All spouses (significant others) will have dinner provided by the section. Each couple in attendance should bring a wrapped white elephant gift (\$8.00 - \$10.00) Which will make the evening much more fun. Hope to see everyone there.

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2017-2018 Technical / Administrative Program

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

2017:

September 5th: Doug Davies, Element Materials Technology, Rancho Dominguez, *“When We Get it Wrong Why NDT Matters”*.

October 3rd: Matt Roberts, Virtual Media Inter-geration, LTD, *“A Close-up Look at Computed Radiography: Past, Present and Future”*

October 30th— November 2nd: ASNT Annual Conference 2017 at Gaylord Opryland Resort & Convention / Nashville, Tennessee. Awards to be given to four of the Members.

November 7th: Mark Bell, Bell Metallurgy, *“Role of NDT in Metallurgical Failure Analysis”*

December 5th: Ms Mary Jo Davis Christmas Event—Spouses / Companion / Guest night: All spouses (significant others) will have dinner provided by the section. Each couple in attendance to bring a wrapped white elephant gift (\$8.00 - \$10.00)

2018:

January 2nd: (Dark—No Meeting)

February 6th: “Past Chairman’s Night”, Michael McGloin, *“Home Inspection”*

March 6th: Vendor’s Night

March 26th - 29th ASNT 27th Research Symposium 2017. Double Tree at Universal / Orlando, Florida

April 3th: Marybeth Miceli

May 1st: “Annual Science Fair Awards” (NDT-related projects).

June (TBA) : Denise McKay, Change of Gavel

Year End Raffle \$250.00 will be drawn at the **May Meeting**.

When you purchase a dinner you will receive a raffle ticket. The more meetings you attend the more possible tickets will get entered into the drawing.

You must be present at the MAY MEETING to win.

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2017 - 2018 NDT Educational Opportunities

We have posted a list of potential training courses for the 2017-2018 year (August through June).

Please contact **Education Chair - Larry Olsen** 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: **Larry Olsen** Email — sd-asnt@cox.net

Home 619-444-2319 Cell 619-228-5449

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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San Diego Section Meeting Report for October 3, 2017

October 03, 2017 the San Diego Section hosted the 2nd Section Technical Meeting of the 2017 – 2018 year. The meeting was held at the Seven Seas Lodge, 411 Hotel Circle South, San Diego, CA with 15 members and guests in attendance.



The speaker for the evening was **Mr. Matt Roberts**. The title of his talk was **“A Close-up Look at the Computed Radiography: Past Present and Future”**.

This talk brought out interesting questions from basic systems cost, data storage, record retention and use of software in future data reviews on different software formats / platforms of the future.

The section leaders recognized new student members in attendance from **National University of Polytechnics**.

To close the evening San Diego Past Chair, Larry Olsen presented Mr. Roberts with a certificate of appreciation and a speaker's clock from the San Diego section.

The evening concluded with the regular raffles and a 50/50 cash raffle. Raffle prizes were sponsored by the Section, Phil Fetto from Chemetall and David Waitt from Fuji Films. All in attendance had a good time.

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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 January 2018**

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 2018

Greatly Expanded Schedule of Classes for 2018

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
January 22-24, March 5-7,
April 9-11, April 30-May 2, July 16-18, August 6-8,
September 10-12, December 3-5

Penetrant Level I/II SNT-TC-1A

(16 hours) \$695
January 25-26, March 8-9,
April 12-13, May 3-4, July 19-20, August 9-10,
September 13-14, December 6-7

Ultrasonic Testing Level I

(40 hours) \$1295
January 8-12, March 12-16,
April 16-20, May 7-11, July 23-27,, August 13-17,
September 17-21, December 10-14

Ultrasonic Testing Level II

(40 hours) \$1295
January 15-19, March 19-23, April 23-27,
May 14-18, July 30-August 3, August 20-24,
September 24-28, December 17-21,

Radiation Safety (IRRSP Preparation)

(40 hours) \$1295 (Approved by State of CA)
January 29-February 2, June 4-8, October 1-5

Radiography Testing Level I

(40 hours) \$1295
February 5-9, June 11-15, October 9-12

Radiography Testing Level II

(40 hours) \$1295
February 12-16, June 18-22, October 15-19

Film Interpretation (40 hours) \$1295

TBA

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

March 26-30, October 22-26

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

April 2-6, October 29-November 2

Visual Testing Level II (24 hours) \$845

January 3-5

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

February 19-20, November 5-6

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

\$1995
February 19-23, November 5-9

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

\$1995
February 26-March 2, November 12-16

Ultrasonic Phased Array Composite Inspection

New for 2018 (40 hours) \$1995
September 4-7

Back for 2018, Scheduled, ASNT NDT Level III Examination, Refresher Courses

Basic Level III – Includes text book package worth over \$300 (40 hours) \$1395	May 21-25
Eddy Current Level III (24 hours) \$995	August 27-31
Visual Testing Level III (16 hours) \$795	November 27-28
Magnetic Particle Level III (16 hours) \$795	September 4-5
Penetrant Level III (16 hours) \$795	September 6-7
Radiography Level III (24 hours) \$995	July 9-11
Ultrasonic Level III (40 hours) \$1395	June 25-29

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 2018

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

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