



# Between the Cracks

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

SD-ASNT  
NEWSLETTER

Vol. 7, Issue 2  
September 2017

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San Diego Section

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**Save Date of  
November 7<sup>th</sup>  
Speaker:  
Mark Bell**

## Mr. Matt Roberts is Speaker for October 3rd

**Mr. Matt Roberts** will be our speaker for the October 03, 2017 technical meeting. This will be our 2nd technical meeting of the 2017– 2018 year.

Mr. Roberts is a member of American Society of Non-Destructive Testing. He is also a member of American Society of Testing and Materials. Mr. Roberts is a voting member of E07 Committee for Non-Destructive Testing.

Mr. Roberts has 10 years of experience in CR manufacturing. He currently is the Director of Operations for Virtual Media Integration, LTD. Mr. Roberts has experience with Product Development and Release CR and DDA. He is an ISO Auditor - 9001:2009, 9001:2015, and 14385.

Title of the his talk is: ***"A Close-up Look at Computed Radiography: Past, Present and Future"***

## Past Chairmen's Message

Looking back at an eventful year 2016-2017, I first and foremost want to thank the members of the Board of Directors whose unstinting support and dedication helped make it a successful year. The depth of their experience and strength of commitment to the Section more than made up for my relative lack of experience as a first-timer to the Chairman's position. I also thank all Section members for their support.

We held our first vendors' night in many years. It attracted a large number of vendors and, according to the general consensus, was a success for the Section members and the vendors. The award nominations for four Section members, a record, were accepted and will be granted at this year's Annual Conference. Once again the Section achieved the President's Gold Award. As a sign of the Section's support of the STEM initiative, a member actively participated in the STEM event at the 2016 Annual Conference as a speaker and guide.

I conclude with my best wishes for future success for the Section.

Aurapong (Jerry) McAnulty

## Meeting Details

**Tuesday, October 3<sup>rd</sup>, 2017**

**BOD Meeting 4:45-5:15PM**

**Social Hour 5:15-6:15 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 October 3<sup>rd</sup> meeting are: **Baked Lasagna** or **Grilled Chicken Pasta Primavera** 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](mailto:sd-asnt@cox.net)

*Please RSVP by the end of business September 29th, 2017, the Friday preceding the meeting with your intent to attend and meal choice.*

[www.bw7seas.com](http://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

### 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.

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# Between the Cracks

## 2017-2018 Technical / Administrative Program

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

#### 2017:

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

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

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

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

**December 5<sup>th</sup>:** TBA 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 2<sup>nd</sup>:** (Dark—No Meeting)

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

**March 6<sup>th</sup>:** Vendor’s Night

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

**April 3<sup>th</sup>:** Marybeth Miceli

**May 1<sup>st</sup>:** “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](mailto:sd-asnt@cox.net)

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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). **16, 24, 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** (16 hrs)
- ◆ **PT - I** (16hrs) **Members:** \$375 **Non-member:** \$450
- ◆ **Liquid Penetrant Level II** (16 hrs)
- ◆ **PT - II** (16hrs) **Members:** \$375 **Non-member:** \$450
- ◆ **Magnetic Particle Level I** (16 hrs)
- ◆ **MT - I** (16hrs) **Members:** \$375 **Non-member:** \$450
- ◆ **Magnetic Particle Level II** (16 hrs)
- ◆ **MT - II** (16hrs) **Members:** \$375 **Non-member:** \$450
- ◆ **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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# Between the Cracks

## San Diego Section Meeting Report for September 5, 2017

September 05, 2017 the San Diego Section hosted the 1st 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 16 members and guests in attendance.

The speaker for the evening was Mr. Douglas Davies. The title of his talk was "When We Get it Wrong Why NDT Matters". This talk deals with disasters and near disasters related to NDT.

This talk turned into a lively discussion on Ethics and NDT and aroused retired members to add to the talk. To close the evening San Diego Chair, Ms. Denise McKay presented Mr. Davies 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, Larry Olsen from Northrop Grumman, Arnold Marquez from Sherwin and David Waitt from Fuji Films. All in attendance had a good time.



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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 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**

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

#### **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

#### **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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