



# Between the Cracks

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

SD-ASNT  
NEWSLETTER

Vol. 8, Issue 2  
September 2018

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San Diego Section

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## Mr. Peter Cawley is the Speaker for October 2nd 2018

**Mr. Peter Cawley** is the current **CEO of Kimtron Inc.** since 2010. Mr. Cawley graduated High School in 1976, he is a United States Air Force Veteran. Mr. Cawley attended the University of CT School of Engineering. He became the Vice President of Operations in 1994 of Kimtron Inc. until he was promoted to CEO in 2010.

Kimtron Inc. was formed in 1991 as an Industrial x-ray sales and service organization that has since developed into an ISO-9001 certified design and manufacturing firm of x-ray systems and components. Along with the NDT market the company serves over 250 customers in a variety of industries including; Aerospace, Defense, Medical research and Homeland Security.

Mr. Cawley lives in Bethlehem, CT with his wife and three children. He enjoys Aviation and has been a pilot since 1986. He volunteers for the CT Wing of the Civil Air Patrol.

The title of his talk is: "**Total Cost of ownership (TCO) of NDT x-ray equipment**". It outlines hidden and after sale cost considerations which are often overlooked when comparing brands of equipment. Everything from where the equipment is produced to the quality of the installation will affect the TCO over a system's 10 - 15 year useful life expectancy.

## Year End Cash Raffle \$250.00

will be drawn at the **May 7th, 2019 Meeting**. When you purchase a dinner you will receive a raffle ticket. The more meetings you attend the more possible tickets you will have to be entered into the drawing.

**You must be present at the  
MAY 7th, 2019 MEETING to win.**

## Meeting Details

**Tuesday, October 2<sup>nd</sup>, 2018**

**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:** Cesar Salad, Garlic Bread served in baskets, **Dessert**, Coffee, Decaf, Hot or Iced Tea.

The meal choices for the **October 2<sup>nd</sup>** meeting are:

**London Broil** or **Pork Chops** should you have special dietary need **Vegan** or **Vegetarian Plate** is available on request prior to meeting date.

Please leave message at **619-444-2319** or e-mail

below: [sd-asnt@cox.net](mailto:sd-asnt@cox.net)

Please RSVP by the end of business **September 28th, 2018, 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**

## Save the Date

November 6th,  
2018

**Speaker  
Mark May**



# Between the Cracks

## Save the Date - November 6th, 2018

**MARK S. MAY** is an AWS Certified Weld Inspector. He is a NDT LEVEL II, for the City of San Diego Special Inspector for International Code Council, Structural Steel, Bolting.

He attended National University, San Diego, CA, and Mesa College, San Diego, CA. He completed 40 Hours Industrial Radiation Safety School, Applied Radiation Protection Services Co., Los Angeles, CA; and Two semesters non-destructive testing, Mesa College, San Diego, CA (included radiographic testing, magnetic particle, liquid penetrant, visual and ultrasonic inspection). He also completed the following courses, 32 Hours magnetic particle and liquid penetrant testing (qualified to Level II, ASNT SNT-TC-1A) San Diego, CA; 80 Hours ultrasonic testing (qualified to Level II) Krautkramer Branson, Los Angeles, CA.; and 40 Hours AWS Educational Program, Welding Inspection Seminar AWS/CWI, Los Angeles, CA.

Mark May is a member of the American Welding Society, Certified Welding Inspector #9601059; ICC, Structural Steel and Bolting Special Inspector # 1063964-S1; ICC, Structural Steel and Welding Special Inspector # 1063964-S2; and City of San Diego Special Inspector # 1034 Structural Steel and Welding. He holds the following Certifications accordance with: MIL STD-410/SNT-TC-1A: Liquid Penetrant Inspector, Level II, and Magnetic Particle Inspector, Level II. He is a member of AISC (American Institute of Steel Construction) and a member AWS (American Welding Society). Mr. May has over 40 years experience in the Inspection Industry.

The title of his talk is ["The state of NDT Training / Experience in 2018 / Theory and Reality"](#) This talk is Based on requirements of SNT-TC-1A & ANSI/ASNT-CP-189, it is a talk based on Mark S. May's 40 years of NDT and Inspection career. **1.)** Why the Industry has been complacent in "proper disciplined" NDT training, and specific method experience hours. **2.)** What are the ASNT requirements for NDT training? **3.)** What are the ASNT requirements for NDT experience? **4.)** Where does an entry level Inspector get formal NDT training? **5.)** Where does an entry level Inspector get on the job NDT experience? **6.)** Who can train entry level Inspectors? **7.)** The role of an ASNT Level- III? **8.)** Who certifies NDT candidates? (Training and practical experience hours)

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# Between the Cracks

## 2018-2019 Technical / Administrative Program

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

#### 2018:

September 4<sup>th</sup>: John Stewart, Executive Director of AATA, "Evaluating the shortage of NDT Technicians in the USA".

October 2<sup>nd</sup>: Peter Cawley, CEO of Kimtron Inc., "Total Cost of Ownership (TCO) of NDT X-ray Equipment".

October 28<sup>th</sup>-October 31<sup>st</sup>: ASNT Annual Conference 2018 at George R. Brown Convention Center / Houston, Texas.

November 6<sup>th</sup>: Mark May, "The state of NDT Training / Experience in 2018 / Theory and Reality"

December 4<sup>th</sup>: Mike Grubb, San Diego Sheriff Crime Lab "A New Sheriff's Crime Lab – and an Interesting DNA Case" -Christmas Event-Spouse / Companion / Guest night: All spouses (significant others) will have dinner provided by the section. Each person in attendance to bring a wrapped white elephant gift (\$10.00 - \$15.00)

#### 2019:

January 1<sup>st</sup>: (Dark-No Meeting-New Year's Day)

February 5<sup>th</sup>: "Past Chairman's Night", TBD

March 5<sup>th</sup>: TBD

April 2<sup>nd</sup>: TBD

April 1<sup>st</sup> - 4<sup>th</sup> ASNT 28<sup>th</sup> Research Symposium 2019. Hyatt Regency Orange County / Garden Grove, California

May 7<sup>th</sup>: "Annual Science Fair Awards" (NDT-related projects).

June (TBA) : Ramon Thomson, Change of Gavel

November 18 - 21 ASNT Annual Conference 2019 - Westgate Las Vegas Resort and Casino / Las Vegas, Nevada

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# Between the Cracks

## 2018 - 2019 NDT Educational Opportunities

We have posted a list of potential training courses for the 2018-2019 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: Gary Bass Email - [gbchulavista@AOL.com](mailto:gbchulavista@AOL.com)

Phone - 619-794-6118

Ramon Thomson Email [ramonjthomson@gmail.com](mailto:ramonjthomson@gmail.com)

Phone 619-822-8185

BOD - [sd-asnt@cox.net](mailto:sd-asnt@cox.net) BOD contact # 619-444-2319

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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# 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 2019**

**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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**3000-AMR** (right) Control Probe is available in various kit forms. Also be ordered with the 1100 Side Light or extra view.

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# Between the Cracks

## Meeting Report September 4th, 2018

September 04, 2018 the San Diego Section hosted the 1st Section Technical Meeting of the 2018 – 2019 year. The meeting was held at the Seven Seas Lodge, 411 Hotel Circle South, San Diego, CA with 18 members and guests in attendance.

The scheduled speaker for this event was **John Stewart** however he had conflict so **Mr. Dylan Lennox, Deputy Director**, of the **American Aerospace Technical Academy (AATA)** spoke to a group of 18 members and guests. Mr. Lennox explained that the AATA is a nonprofit training organization concentrating on providing technical training for women, veterans, and disenfranchised individuals at no cost or at a reduced cost. Mr. Lennox presented a detailed study that predicts substantial job growth in the automotive, oil and gas, aerospace, defense, power generation and utility NDT fields. Engineers and Technicians are always retiring, and the demand is always growing. His message was very detailed and clear that the pace of new technician placement is not keeping up with demand. Mr. Lennox did stress that if an individual wants to be diligent and work hard in the NDT field, they can be very successful. This talk resulted in several questions from the audience.

The Section thanked Mr. Lennox for stepping in at the last minute for his talk.

Monthly Raffle prizes were sponsored by Michael McGloin of NDT Enterprises and the San Diego section.




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## Between the Cracks

### Past Chairperson's Message

Dear Members,

The 2017-2018 business year for the San Diego Section of ASNT Inc. was a good year by many measures.

Membership stayed steady. The Board of Directors welcomed two new members as well with only one current member stepping down and the remainder continuing to serve. We had one attendee to the Section Leaders Conference and he has expressed that there was a lot to be learned in the management of an active section like San Diego. Last fall the Section was honored at the 2017 Annual Conference with award winners. Juan Diaz for Mentoring, Michael Diaz for the Lou DiValerio Technician of the Year, Mont Booth for the Advancement of Active Military and Veterans and Larry Olsen for the Charles N. Sherlock Meritorious Service Award as well as the San Diego Section was a Gold Award winner for Presidents Points. This was San Diego's 5th consecutive Gold Award.

We again had a strong education program; we were able to locate instructors, classroom locations and filled; RT Level I/II, PT Level I/II and MT Level I/II. We are still looking for Instructors for this upcoming year as we have several requests for new classes.

The Section financial situation continues to be very strong and we are meeting our goals. We have worked hard at trying to keep meeting costs down and provide a good venue for our technical meetings.

We try to provide good speakers for the technical meetings as well as having a vendors night where our vendors can present their goods that sometimes not all Level II's have an opportunity to see without going to the annual conference.

Last but not least the word Support comes to mind when you mention the San Diego Section of ASNT Inc. This section has a lot to offer to our members, potential members and our vendor support.

I would encourage anyone interested in NDT, NDI or NDE to come to a monthly technical meeting and start networking with those in attendance. Who knows you may be looking for employment, need an answer to a NDT/NDI related question(s), want NDT/NDI training course, or just to meet with colleagues in the NDT/NDI business.

I look forward to seeing you at a San Diego Section technical meeting.

Kind Regards,

Denise McKay

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### Chairman's Message

Dear Members,

I am honored to serve as the chairman of the board as we move forward into this new year. I pledge my best to lead the San Diego section further in fulfilling ASNT's mission statement in creating a safer world by advancing scientific, engineering, and technical knowledge in the field of nondestructive testing.

I would like to continue the high standard set by my predecessors by maintaining our section's status of Gold in the President's Award Program as well as increasing member participation and continuing to offer NDT training courses.

I would also like to take this time to recognize those before me who have worked so hard to make our section thrive. I realize that we will not always have the pleasure of their involvement and experience and would like to make it our goal to pass this knowledge on to a new generation of section leadership.

Respectfully,

Ramon Thomson

San Diego Section of ASNT Inc. - Chairman



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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**

**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