



Between the Cracks

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

SD-ASNT
NEWSLETTER

Vol. 7, Issue 1
May - August 2017

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

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Mr. Douglas Davies is Speaker for September 5th

Mr. Douglas Davies will be our speaker for the September 05, 2017 technical meeting. This will be our 1st technical meeting of the 2017– 2018 year.

Mr. Davies is an ASNT and NAS 410 NDT Level 3. He is also qualified as an ASQ Certified Quality Auditor. Mr. Davies is a Certified Quality Manager and a Certified Quality Engineer. He currently is the NDT Level 3 at Element Materials Technology. Mr. Davies has over 25 years in NDT including experience with Magnaflux, McDonnell Douglas, Boeing, and Alcoa. He also has experience in the refinery industry.

Mr. Douglas Davies, a Past Chairman of Greater Los Angeles Section.

Let's start our new program year on a good note, so let's give him a good audience as we know we can.

Title of his talk is: **"When We Get it Wrong Why NDT Matters."** Mr. Davies has presented this talk at the ASNT annual Conference and just this last Spring for the NASA Leadership Conference in Orlando. His talk deals with disasters and near disasters related to NDT.

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

Meeting Details

Tuesday, September 5th, 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 September 5th meeting are: **Grilled Salmon** or **California Chicken** should you have special dietary **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 August 31st, 2017, the Thursday 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

**Memorial for Joseph Moser Wilkins Past Chairman of the San Diego Section-ASNT**

Joseph M. Wilkins of El Cajon, CA, passed away at the age of 84 on Thursday, May 25, 2017 at Kaiser Foundation Hospital in San Diego, CA, following the removal of an acoustic neuroma. He was surrounded by his wife, Trudy, and his children. It was very peaceful.

Joe was born on September 7, 1932 in Baker, Oregon, to Lucille and Jim Burnett and an older sister Ann. At the early age of ten, after his parents were divorced, his new stepfather, Roland Wilkins, adopted Ann and Joe creating the legend "Joe Wilkins." During their childhood the family moved several times living in both Idaho and Oregon and finally settling in Klamath Falls, Oregon for their high school years. After two years of college at the University of Toledo, Ohio studying Radiology, Joe enlisted in the Air force at summer's end of 1951 and spent his first three years stationed in Fairbanks, Alaska as a medic. Tired of the Fairbanks cold and continuously fogged glasses, he came home on leave to have a blind

date his mother and a friend arranged. Joe could not remember his date's name so Lucille wrote it down on a piece of paper. Standing on the porch, knocking on the door, he read the name — Trudy. Two weeks after the first date, Joe proposed, and three months later they were married. Some family friend thought that the lovebirds moved too fast and the marriage would not last. 63 years later, Joe and Trudy were proving everybody wrong. Following the wedding, the couple moved to the sun and beach of Long Beach, California where Joe finished his service one year later. There is the possibility that Trudy married Joe for the beach life or maybe it was just that old "True Love" thing? Trudy's not talking.

After Joe's military service and moving around California for several years, they had their first son, Richard, and in 1961 chose El Cajon as their forever home becoming a steady and grounding force for their neighborhood to this day. Joe applied his radiology education and passion for exacting detail and quality to become an NDT Quality Control Inspector at Straza Industries. Another year passes and Robert was born completing the family. He was very proud of the work he was involved in, which included aviation and aerospace engine components. During Joe's 35 years at Straza Industries, which later became Ametek Straza, he advanced to department supervisor. He finally retired in 1996. He was involved with ASNT from 1962 thru 2017. Joe came to his last Past Chairman's night in February. From 1965-1966 was president of the San Diego ASNT Organization. Throughout this period, Joe and Trudy enjoyed running and snow skiing with their family and close friends. He ran many local races including several marathons. Joe and Trudy both ran the Hawaii marathon in 1979. Joe was a very good skier; his favorite mountains were Mammoth and Brian Head. He was a wishful golfer, a snapshot photographer, and a tinkerer. He introduced his boys to backpacking in Oregon, trout fishing, and camping.

The moment Joe and Trudy retired, they started traveling the world, and the western states in his motor-home. He was an active member of the Compadres RV club for over 20 years. Joe was a long time member of El Cajon Elks Lodge 1812. He supported various lodge activities and was particularly fond of Taco Saturdays. He loved his family and was very proud of his sons. If you ask his friends and family to describe Joe, they would say that he could never sit still and always needed a project to stay busy because if he did stopped, even for a moment, he would take a nap. Napping was an art form for Joe. He napped in some of the most wondrous locations in the world. Joe was great man, always ready to move on to the next adventure. He will be missed. Joe is survived by his wife, Trudy, sons Dick (Cindy), Bob (Melanie), and granddaughters Georgia and Samantha.



Between the Cracks

2017-2018 Technical / Administrative Program

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

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.

November 7th: Mark Bell, Bell Metallurgy, *"NDT Failure Analysis"*

December 5th: 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 2nd: (Dark—No Meeting)

February 6th: "Past Chairman's Night", TBA

March 6th: TBA

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

April 3th: TBA

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

June (TBA) : Denise McKay, Change of Gavel

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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). **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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San Diego Section Meeting Report for June 10, 2017

June 10, 2017 the San Diego Section hosted the 9th Section Technical Meeting of the 2016 – 2017 year. The meeting was held at the 94th Aero Squadron, 8885 Balboa Ave, San Diego, CA with 15 members and guests in attendance.

The speaker for the evening was out going Section Chairman Mr. Aurapong "Jerry" McAnulty. His talk covered the 2016 - 2017 San Diego Section year and the formal passing of the Gavel to incoming Chair: Ms. Denise McKay.

There was a special section award given by Awards Chair, Mr. Larry Olsen. This award is the San Diego Section's Chairman's Meritorious Service Award, given in appreciation of valuable voluntary contributions to greatly enhance the growth and success of the San Diego Section. This award went to Mr. Hans Weber. Mr. Weber was quite surprised on receiving this award. All in attendance had a great time.




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B200 - A.C. Contour Probe. May be ordered with the Y500 Yoke Light at extra cost.

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San Diego Section Meeting Report for May 2nd, 2017

May 02, 2017 the San Diego Section hosted the 8th Section Technical Meeting of the 2016 – 2017 year. The meeting was held at the Seven Seas Lodge, 411 Hotel Circle South, San Diego, CA with 29 members and guests in attendance. The speakers for the evening were the San Diego ASNT Greater San Diego Science and Engineering Fair award winners.

Mr. Michael Verdolin Jr. who is a 9th grade student from **Eastlake High School**, his advisor is Cheryl Bayley. His project title is: **“Preventing Bacterial Growth in Ultrasound Gel”**. His abstract is based on the problem for medical uses Ultrasonic gel had issues of bacteria growing in the gel and can no longer be used on the patient. This project received a 2nd place overall in his category.

Mr. Francisco Catanzaro who is a 8th grade student from **Pacific Beach Middle School**, his Advisor is Jeremiah Potter. His project title is: **“Detecting Gopher Tunnels Using Ground Penetrating Radar”**. His abstract is that this project attempts to use a Ground Penetrating RADAR (GPR) system to detect the location of a gopher tunnel underground. This project received a 1st place overall in his category and progressed to state competition where he received a 1st place.



Each student presented their projects very well and fielded many questions from the group of NDT professionals. Each was presented a Certificate of Excellence, a Gift and scholarship check from the San Diego Section. The San Diego Section thanks Denise McKay and Sarah Olsen who represented the San Diego Section as judges.

The Section presented Certificates of Completion for the Radiography Level 1 course to: Alaa Alshaltan, Jorge Hernandez, Daniel Perrine and Dalvo Villela, and Larry Olsen as the instructor.

The Section presented Certificates of Completion for the Radiography Level 1 course to: Alaa Alshaltan, Jorge Hernandez, Daniel Perrine and Dalvo Villela, and Larry Olsen as the instructor.

The customary raffles: Monthly raffle prizes were sponsored by the San Diego Section, **Michael McGloin**; NDT Enterprises, **David Waitt**; FUJI Film and **Larry Olsen**; Northrop Grumman, In addition to the monthly prizes was the year-end cash raffle won by Phil Fetto. All in attendance had a great time.



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2017 ASNT Awards and Honors

San Diego will be represented at the ASNT Annual Conference awards ceremony.

The following San Diego Section members will receive awards at the conference banquet and awards ceremony.

Charles N. Sherlock Meritorious Service Recognition

The Charles N Sherlock Meritorious Service Recognition provide recognition for an individual's outstanding voluntary service to the Society. This award was renamed in honor of its first recipient Charles N. Sherlock.

The 2017 winner; Larry G. Olsen

Recognition for the Advancement of Active Military and Veterans in NDT

The Recognition of the Advancement of Active Military and Veterans in NDT recognizes individuals or organizations who encourage active military and veterans to enter and thrive in the field of NDT.

The 2017 winner; Ralph "Mont" Booth.

Mentoring Award

The Mentoring Award was established to recognize those people in the Society working to encourage others to reach goals they may have otherwise not sought and offer the rest membership an example of what they could be accomplishing by acting as their mentors.

The 2017 winner; Juan R. Diaz.

Lou DiValerio Technician of the Year Recognition

The Lou DiValerio Technician of the Year Recognition gives recognition to ASNT members who are deserving technicians, encouraging their continued participation in the Society. This recognition was renamed in 1995 to honor Louis R. DiValerio.

The 2017 winner; Michael J. Diaz.

Phillip D. Johnson Honorary Member Recognition

An honorary member is a person of acknowledged eminence in the domain covered by the Society or is one who has been recognized as a benefactor to the Society through services such as being a national officer. In 1990, this recognition was renamed in honor of Phillip D. Johnson, who co-founded ASNT and nurtured it through its first three decades. This recognition is the highest that the Society bestows.

The winner of the 2017 Phillip D. Johnson Honorary Member Recognition is Raymond G. Morasse.

Mr. Morasse is a former San Diego section Member.

Details of all awards can be found in the July 2017 Materials Evaluation.



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NDT Training, Scheduled courses for January – December 2017 Greatly Expanded Schedule of Classes for 2017

We will be Scheduling **WEEKEND TRAINING COURSE** please contact Cathy for dates

NDT Level I and II Courses

Magnetic Particle Level II SNT-TC-1A

(24 hours) \$845
January 9-11, February 20-22, March 27-29,
April 3-5, May 22-24, July 10-12, September 11-13,
October 30-November 1, December 11-13

Penetrant Level II SNT-TC-1A

(16 hours) \$695
January 12-13, February 23-24, March 30-31,
April 6-7, May 25-26, July 13-14, September 14-15,
November 2-3, December 14-15

Ultrasonic Testing Level I

(40 hours) \$1295
January 16-20, February 27-March 3,
April 10-14, June 5-9, July 31- August 4,
September 18-22, November 6-10,

Ultrasonic Testing Level II

(40 hours) \$1295
January 23-27, March 6-10, April 17-21,
June 12-16, August 7-11, September 25-29,
November 13-17,

Radiation Safety (IRRSP Preparation)

(40 hours) \$1295 (Approved by State of CA)
February 13-17, April 24-28, August 14-18

Radiography Testing Level I

(40 hours) \$1295
January 30-February 3, May 8-12, August 21-25

Radiography Testing Level II

(40 hours) \$1295
February 6-10, May 15-19, August 28-September 1

Film Interpretation (40 hours) \$1295

TBA

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

June 19-23, November 27-December 1

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

June 26-30, December 4-8

Visual Testing Level II (24 hours) \$845

January 4-6,

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 13-14, July 17-18

Ultrasonic Phased Array Level I (SNT-TC-1A 2011) (40

hours) \$1995
March 13-17, July 17-21

Ultrasonic Phased Array Level II (SNT-TC-1A 2011) (40

hours) \$1995
March 20-24, July 24-28

Ultrasonic Phased Array Composite Inspection

New for 2017 (40 hours) \$1995
May 1-5

Back for 2017, Scheduled, ASNT NDT Level III Examination, Refresher Courses

Basic Level III – Includes text book package worth over \$300 (40 hours) \$1395	October 2-6
Eddy Current Level III (24 hours) \$995	October 16-18
Visual Testing Level III (16 hours) \$795	October 30-31
Penetrant Level III (16 hours) \$795	October 23-24
Magnetic Particle Level III (16 hours) \$795	October 19-20
Radiography Level III (24 hours) \$995	October 25-27
Ultrasonic Level III (40 hours) \$1395	October 9-13

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 2017

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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