



Between the Cracks

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

SD-ASNT
NEWSLETTER

Vol. 7, Issue 9
May-June 2018

Board of Directors:

Chairman:

Denise McKay

poppydancer@yahoo.com

Vice Chairman:

Ramon Thomson

ramonithomson@gmail.com

Treasurer:

Aurapong (Jerry) McAnulty

mcanultyjai@yahoo.com

Secretary:

Michael Diaz

mikediaz05@gmail.com

Past Chairman:

Aurapong (Jerry) McAnulty

mcanultyjai@yahoo.com

Directors-at-Large:

William Harris

wilwelder41@aol.com

John Morris

honor1man@yahoo.com

Juan Carlos Macpherson

macj03@hotmail.com

Larry Olsen

sd-asnt@cox.net

Hans Weber

hansweber@earthlink.net

San Diego Section

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

bod@sd-asnt.org

Website:

www.sd-asnt.org

San Diego Section Meeting Report for May 1st, 2018-Science Fair Winners

May 01, 2018 the San Diego Section hosted the 8th 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 28 members and guests in attendance.

The speakers for this meeting are the San Diego Section's selections / winners from the Greater San Diego Science and Engineering Fair.

Christopher Do, attends Rhoades School, Grade 7, his Advisor is Roxanne Hunker. His project was "**Exploring a Novel Application of Ferrofluid for Structural Stability**". His awards were from **GSDSEF** Category Placement: **Second Place** and The American Society for Non Destructive Testing (San Diego Section).

Nadia Salah, attends Islamic School of San Diego, Grade 8, her Advisor is Arwa Alkhwaja. Her project was "**Which Oil Makes the Best Ferrofluid**". Her awards were from **GSDSEF** Category Placement: **First Place**, American Chemical Society, San Diego Section, American Society for Non Destructive Testing (San Diego Section), Society of American Military Engineers, and she was a **Sweepstakes Runner- Up in Junior Division Physical Sciences**.

Shreya Ranganath, attends Bonita Vista HS, Grade 11, her Advisor is Michelle Mardahl. Her project was "**Boron Carbide Coated in Situ Reinforced Titanium Matrix Composite**". Her awards were from **GSDSEF** Category Placement: **Second Place**, American Society of Mechanical Engineers, Association for Women in Science, San Diego Chapter, American Society of Materials International, San Diego Chapter, American Society for Non Destructive Testing (San Diego Section), USN - ONR (US Navy Science and Technology) / Naval Science Awards Program (NSAP), and Society of Women Engineers - San Diego County Section.



Each student presented a very detailed presentation on their project and were subjected to several questions from the section members. Each student was presented with a Certificate of Achievement, personalized pen from the Section, journals from **Larry & Sarah Olsen** and a scholarship check from the San Diego Section.

The Section presented Certificates of Appreciation and Gift Cards to **Rachel Gilmore** and **Peter Pelayo** for their time as instructors of the Level I & II MT course recently completed.

The evening concluded with the customary Monthly Raffle. Prizes were sponsored by **Larry Olsen, Northrop Grumman, Michael McGloin, NDT Enterprises**, and the San Diego section. The year-end attendance cash raffle of \$250.00 was won by Rachel Gilmore.

Congratulations



Between the Cracks

Meeting Report June 9th, 2018

June 09, 2018 the San Diego Section hosted the 9th Section Meeting / Change of Gavel of the 2017 – 2018 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 this event was **Ms. Denise McKay** out-going **Chair San Diego, ASNT**. Her talk covered the state of the Section and accomplishment for the 2017-2018 year. She then passed the Gavel to incoming **Chair Ramon Thomson**. A review of the new officers and Board Members was discussed and the responsibilities of each Officer and Board Member.



INSPECTION TECHNOLOGIES

INCORPORATED



"Instruments for nondestructive testing and quality control"

Randy Jones ext. 124
Jay Schraan ext. 123
2701-A N. Towne Ave., Pomona, CA 91767
(909) 626-2600
Fax (909) 626-3540
www.inspectiontechnologies.net

- MT Equipment/Supplies
- PT Equipment/Supplies
- Conductivity Testers/Blocks
- UT/ET Instruments/Probes
- Test Blocks/Standards/Cables
- UT Immersion Systems
- X-Ray Equipment/Supplies
- Image Intensifiers
- Used NDT Equipment
- Fiberscopes/Borescopes
- Video Systems/Accessories



PROUDLY REPRESENTING
Krautkramer
HOCKING

MAGNAFLUX

WEST COAST
INSPECTION SERVICES
SPECIAL INSPECTION, NDT

5575 Magnatron Blvd. Ste. D | San Diego, CA 92111

Office: 619.326.4405

www.wcis-corp.com

TEST

NDT

NDT Training, Level I, II, III & Level III Services

"When only the Best is good enough"

Cathy Harvey, Office Manager

193 Viking Ave., Brea, CA 92821, USA

Ph. (714) 255-1500

Fax. (714) 255-1580

Email: ndttrain@aol.com

Web: www.testndt.com

RICHARD RIDENOUR

National Sales Manager

rridenour@magnaflux.com

155 Harlem Avenue, Glenview, IL 60025

224.661.8665 P 630.432.5644 M



MAGNAFLUX

WWW.MAGNAFLUX.COM



Between the Cracks

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 Intergeration, 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 person in attendance to bring a wrapped white elephant gift (\$10.00 - \$15.00)

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 ***“Recent ASNT Initiatives”***

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

June (TBA) : Denise McKay, Change of Gavel

Western Instruments

Established 1965



**PORTABLE
MPI EQUIPMENT**



Phone: 780-459-6920
info@westerninstruments.com
www.westerninstruments.com

- Ultrasonic Testing Including AIRSCAN®
- Eddy Current Testing
- Systems Manufacturing
- Qualified Personnel
- Prime Quality Approvals



Visit us on the Web at
www.qmi-inc.com



Quality Material Inspection, Inc.

5442 Oceanus Drive
Huntington Beach, CA 92649 USA
Phone: (714) 903-4500
Fax: (714) 903-4550

Email: sales@qmi-inc.com

Chemetall

expect more⁺

now part of BASF Group

Phil Fetto
Technical Sales Manager
Southwest Region

Chemetall US, Inc.
Toll Free: 877-941-3800
phil.fetto@chemetall.com · www.chemetallUS.com
Cell: 949-226-0377

PH TOOL

REFERENCE STANDARDS
Reference Standards
Calibration Blocks



267-203-1600 / www.phtool.com 6021 Easton Road / Pipersville, PA 18947



Between the Cracks

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



Worldwide Training Provider

a Rockwood Company

Michael V. McGloin
Manager - Pacific

office: +1.714.956.2274
fax: +1.714.956.2277
email: mmcgloin@hellierndt.com
www.hellierndt.com

Hellier
2051-8 East Cerritos Avenue, Suite A
Anaheim, CA 92806
USA



David Waitt
Account Manager
NDT Systems Group

FUJIFILM North America Corporation
Industrial and Corporate New Business Development Division
200 Summit Lake Drive Valhalla, NY 10595.1356
Phone 914.789.8869
Cell 714.330.1952
Email dave.waitt@fujifilm.com
www.fujifilmusa.com

FLAWTECH

Global Provider of Custom & Code Specific Flawed Specimens for Training, Qualification, and Procedure Development

www.FlawTech.com (704) 795 4401 Concord, NC USA

Michael L. White



PENETRANT PROFESSOR APPROVED
NDT Inspection Materials

1639 Euclid Street, Santa Monica, CA 90404
Phone: (310) 450-1111 Fax: (310) 452-4046
Email: info@met-l-chek.com





Between the Cracks

Year End Cash Raffle \$250.00

was drawn at the **May 1st, 2018 Meeting.**

When you purchase a dinner you will receive a raffle ticket. There were five tickets drawn total. The four unlucky people were 1) Erik Roed, 2) Charles Craig, 3) Cody Engstrand, and 4) Doug Burleigh because they were not there.

Congratulations to **Rachel Gilmore** was the fifth person called and she was the lucky person that collected the \$250.00 because she was there.

You had to be present at the MAY 1st, 2018 MEETING to win.

Try your luck next year!!!




PARKER
Magnetic Particle Inspection Instruments

PL - Clear Super Tuff plastic carrying case for Contour Probe and accessories. Kit items are also available with dry powder, wet fluorescent inspection mediums, and black light.

DA600 - A.C./D.C. Contour Probe. Available in various kit forms. May be ordered with the Y500 Yoke Light at extra cost.

B110 - Shown with "A" Kit items. Kit items are available with dry powder and wet fluorescent inspection mediums, including black light and steel carrying case.

BA310 - Portable, stand alone battery powered 110VAC power supply. Operate A.C. Yokes when normal power sources are unavailable. Contour Probe sold separately.

DA200 - A.C./D.C. Contour Probe. Model A210 available for A.C. only operation.

B100 - A.C. Contour Probe. Our most economical. May be ordered with the Y400 Yoke Light at extra cost.

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

PL8 & PL10 - Magnetizing Coils. 8" & 10" I.D. Complete with Carrying Case.

DA750 & DA1500 - Portable Mag units. Heavy duty 750 or 1500 AMP. Available with all accessories.

P.O. BOX 1406, DUNEDIN, FLORIDA 34697 USA
Phone: 727-798-4006 Fax: 727-797-3941 Email: sales@parkerndt.com
www.parkerndt.com
1-800-525-3935



MPM
Products, Equipment, Service & Calibration
for Non-Destructive Testing

1718 E. Grevillea Court
Ontario, CA 91761

Dan Buchanan
Vice President
danbuchanan@mpmproducts.com
www.mpmproducts.com

Mobile (909) 821-2241
(800) 429-0128
(909) 947-8464
Fax (909) 947-3257



SHERWIN
INCORPORATED

Arnold G Marquez
Sales Manager

5530 Borwick Avenue
South Gate, CA 90280
sherwin@sherwininc.com
www.sherwininc.com

(562) 861-6324
(562) 923-8370 Fax
AGMarquezSI@aol.com



Peter Pelayo
Mgr. Quality Assurance
ASNT Level 3

Met-L-Chek®
PENETRANT PROFESSOR APPROVED
NDT Inspection Materials

1639 Euclid Street, Santa Monica, CA 90404
Phone: 310-450-1111 Fax: 310-452-4046
Email: info@met-l-chek.com




TED Test Equipment Distributors
One Complete NDT Source

Equipment • Accessories • Repair

Nationwide Coverage
New/Used Equipment, Repairs, Parts, Rentals, PM,
Calibrations, Installation/Removal, Silver Recovery

(800) 962-1788 www.tedndt.com



Between the Cracks

San Diego Section Board of Directors

2018 – 2019



- Chair:** Ramon Thomson
- Vice Chair:** Michael Diaz
- Treasurer:** Aurapong (Jerry) McAnulty
- Secretary:** William Harris
- Director at Large:** Gary Bass
- Director at Large:** Erik Roed
- These three are still on the Board:
- Past Chair:** Denise McKay
- Hans Weber
- Larry Olsen

NDTSeals.com

NDT Seals, Inc.

Zac Sebren
Director

PO Box 52878 Houston, TX 77052-2878 USA
tel 713.222.7584 cell 281.995.7916 fax 713.222.9404
zac@ndtseals.com

CONGRATULATIONS!

NDT TRANSDUCERS, LLC
ndt-transducers.com
(480) NDT-2400

NDT
Transducers

**Ultrasonic Transducers for
Nondestructive Testing**

Serban Calciu, Owner

INDUSTRIAL X-RAY IMAGING SYSTEMS SALES, SERVICE AND DESIGN.

WILLICK ENGINEERING

12516 LAKELAND RD
SANTA FE SPRINGS, CA 90670
DAN@WILLICK.COM
562-946-4242

DAN GUERRERO
PRESIDENT

RT, DIGITAL LEVEL III, NAS 410

Test Equipment Distributors, LLC
Equipment Accessories & Supplies for Nondestructive Testing

CHERYL DUFUR/RAMIREZ
Sales Engineer

WESTERN LOCATION
1844 W. 11TH STREET
UNIT. E
UPLAND, CA 91786

CUSTOMER CARE CENTER
1959-D PARKER COURT
STONE MOUNTAIN, GEORGIA 30087
800-962-1788
FAX: 770-978-0115
CELL: 714-366-4744

www.tedndt.com
Email: cheryld@tedndt.com



HD-CR 35 NDT Computed Radiography System

THE BEST CR-RESOLUTION!

Intuitive handling

Easy transition from film

DICONDE · ISO · ASTM

Compliant to all relevant standards

*Unique 30 µm SRb**

Certified Basic Spatial Resolution

Lightweight and rugged

Only 38.6 lbs system weight



No matter what type of radiographic testing, the unique TreFoc technology of the HD-CR 35 NDT imaging plate scanner always guarantees the highest image quality. And with the intuitive and powerful D-Tect software, you benefit from an optimal and time-saving workflow. Arrange a free demonstration and convince yourself.



WILLICK
ENGINEERING
www.willick.com
562-946-4242

Digital Intelligence - Ready to Change.
www.duerr-ndt.com
info@willick.com





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

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, email ndttrain@aol.com, Ph (714) 255-1500