Between the Cracks

Mr. Michael Mc Gloin will be the Speaker for March 3rd, 2020

Our Speaker will be Mr. Michael Mc Gloin started in NDT at the age of 17 immediately after graduating from high school and has worked in various areas of the industry; ranging from fieldwork in refineries and power plants to The Boeing Company in Huntington Beach, California working on projects such as the International Space Station and the Space Shuttle.

At the age of 23 Michael had acquired Corporate Level III’s in PT and RT for Prime Wheel Corporation, and prior to his 10th anniversary in the industry, achieved his first ASNT Level III’s in PT, RT, and MT. At this point, Michael holds 7 ASNT Level III’s in: PT, RT, MT, VT, UT, ET, and LT. Acquiring this and ACCP Level III’s in PT, RT, and MT, as well as a CWI from AWS has been achieved of his own accord.

Michael is the President of ASNT, is Regional Director of Region 15, has served through the chairs on the Board of Directors for the Greater Los Angeles Section of ASNT, is an ASNT Fellow, an ASNT Mentoring Award recipient, the 2015 George L. Pherigo Tutorial Citation award winner, ASNT Life Member, is the Manager of the Hellier training facility in Anaheim, California, and has his own consulting business; NDT Enterprises.

Topic Title: is on “Value of Mentoring”.

Year End Cash Raffle $250.00 will be drawn at the May 5th, 2020 Meeting. When you purchase a dinner you will receive a RED raffle ticket. The more meetings you attend the more possible RED raffle tickets you will have to be entered into the drawing.

You must be present at the MAY 5th, 2020 MEETING to win.
February Meeting Report

On February 04, 2020 the San Diego Section hosted the 5th Section Technical Meeting of the 2019–2020 year. The meeting was held at the Seven Seas Lodge, 411 Hotel Circle South, San Diego, CA with 18 members and guests in attendance. This meeting was our annual Past Chair night. There were 4 Past Chair’s in attendance. Recognized right to left; Mr. David Suydam, Mr. Rick Rewier, Mr. Larry Olsen and Mr. Hans Weber.

The Speaker for the evening was Mr. David Mitchell. The Title of his talk was; “Advances in Ultrasonic Testing using linear arrays”. The talk provided for discussion on advancements being made in the field of UT, using linear arrays to increase inspection speeds and reliability. The discussion centered on the ability of PAUT systems to normalize the UT beam to the entry surface without the use of mechanical means at normal scan speeds.

The presentation was very interesting and well received by the audience, generating a great deal of follow-on discussions.

The Section thanked David Mitchell for his talk and presented him with a Certificate of Appreciation and Speaker Gift.

The evening concluded with the customary raffles and recognition of visiting vendors; David Waitt - Fuji Film, Patrick Brown - MPM Products, Clark Strong - Baker Hughes and Randy Jones - Baker Hughes.

Happy St. Patrick’s Day
2019-2020 Technical / Administrative Program

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

2019:
September 3rd: Albert Liang, “3D Ultrasonic Imaging of Structures Using SAFT and Wave Compounding with Application to Rail”.

October 1st: Randy Jones, “Corrosion Is Where You Find It”.


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

December 3rd: Sgt. Greg Hampton -San Diego Sheriff’s Office-Sheriff's Bomb/Arson Unit-“Rising to the Challenge: Investigations Involving Bomb/Arson Threats in San Diego County”. 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)

2020:
January 7th: (Dark-No Meeting)


March 3rd: Michael Mc Gloin “Value of Mentoring”


April 7th: Mark Bell “What is Important in Metalurgical Failure Analysis, including NDT”

May 5th: “Annual Science Fair Awards” (NDT-related projects). Year End Cash Raffle– must be in Attendance

June (TBA) : Michael Diaz, Change of Gavel

9 - 12 November 2020 - ASNT Annual Conference 2020 Disney’s Coronado Springs, Lake Buena Vista, FL.
We have posted a list of potential training courses for the 2019-2020 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: Education Chairman Gary Bass
Email - gbchulavista@AOL.com
Phone - 619-794-6118 mobile

Chairman Michael Diaz
Email - mike.diaz05@gmail.com
Phone 619-890-4134 mobile

BOD - 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

Credit Cards accepted with a Processing Fee.
San Diego Science and Engineering Fair

Please Save the date:
March 11th, 2020
Volunteers are needed, remember this is how we get the May Speakers, we need other input from our members for the important job of Judging from 12:15—4:00 PM at the Greater San Diego Science & Engineering Fair Preview Projects On Evening of March 10th 5:00 to 7:00 PM Contact by March 3, 2020 Denise McKay poppydancer@yahoo.com

Local Company Hiring:
Company: Chromalloy San Diego Address: 7007 Consolidated Way, San Diego, Ca 92121 Ph #: 858-877-2800 E-Mail: mdingle@chromalloy.com Position: Radiography Level II Certification Requirements: NAS-410 Any other pertinent information / Skills: Computed Radiography experience and Additional NDT Method will be a plus. Apply online at www.chromalloy.com/careers

Between the Cracks
Call for Nominations to the Board of Directors

San Diego Section
Board of Directors

The San Diego Section is calling for Members to serve as an officers and directors-at-large for the 2020-2021 year. The chair of the nominating committee is Cody Engstrand.

Please contact the Committee Chairman listed below or if you have a desire to volunteer and serve the section in this way. Please come to our next Board meeting on Tuesday March 3rd after the Technical meeting which begins at 7:15 PM to volunteer to serve as a member of the Board if Directors of San Diego Section in this way.

The section is working on the slate of officers and directors-at-large for the 2020-2021 year.

Cody Engstrand: Cody.Engstrand@ga-asi.com
Hans Weber: hansweber@earthlink.net
Larry Olsen: sd-asnt@cox.net

San Diego's Metorious Service Award

The San Diego Award was established 1998-1999 Award for Outstanding Meritorious Service was established to recognize those people in the San Diego Section who have bettered the Section over the Society by working to encourage others to reach goals they may have otherwise not sought, and to offer the rest of the San Diego membership an example of what they could be accomplishing by acting as Mentors within the Section. Note: Cannot be current Chairman of the San Diego Section.

Contact the Awards Committee Chair: Larry Olsen or any San Diego Section BOD member for further information on how to nominate any individual by 1 April 2020.

Please note: All nominees must be nominated by a San Diego Section Member 500 hundred words or less. San Diego Section-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 fellow SD- ASNT members by nominating someone!
Mark Bell, PE, is a graduate of Cal Poly in Metallurgical Engineering. He is owner of Bell Metallurgy, in San Diego, CA. He has metallurgical experience in factories and in construction regarding welding, corrosion wear, NDT and failure analysis. 1984 was the year he became a full time, independent consultant. He has taught AWS CWI Classes nationwide. He has been CWI with endorsements in D1.1, D1.5 and API 1104. Mark travels and teaches classes for ASM in Failure Analysis, Corrosion, Welding and Metallurgy for the Non-Met. He served on the Board of Directors for the AWS from 1992 to 2004. He has held Level III certifications in methods: MT, VT and PT in accordance with TC1A. He has used the Level III in VT for inspection and training classes in the Pharmaceutical Industry. His consulting business is in failure analysis, welding, and corrosion, located in San Diego. NDT is a key step in conducting a good Metallurgical Failure Analysis.

**Topic of his talk:** “What is Important in Metallurgical Failure Analysis, including NDT”

**Abstract:** This presentation will use case histories in conducting successful 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. A lifetime of experience is the basis for the evening’s presentation of steps as being key to conducting a good metallurgical failure analysis such as:

- defining the problem,
- hands-on investigation,
- continuing to grow,
- the proper use of NDT skills,
- good communication and
- what was learned; both good decisions and mistakes.

Check the Website: WWW.SD-ASNT.ORG for **Education Classes** that are **Scheduled** for after the first of the **New Year**.

Need **class size** of at least **5 students**.
Between the Cracks

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DÜRR NDT
NDT Training, Scheduled courses for January – December 2020

Greatly Expanded Schedule of Classes for 2020

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
Jan 6-8, Feb 24-26, April 13-15, June 1-3,
July 20-22, Sept 21-23, Oct 26-28, Nov 30-
December 2

Penetrant Level I/II SNT-TC-1A
(16 hours) $695
Jan 9-10, Feb 27-28, April 16-17, June 4-5,
July 23-24, Sept 24-25, Oct 29-30, Dec 3-4

Ultrasonic Testing Level I
(40 hours) $1295
Jan 13-17, March 2-6, April 20-24, June 8-12,
July 27-31, Sept 8-11, Nov 2-6, Dec 7-11

Ultrasonic Testing Level II
(40 hours) $1295
Jan 20-24, March 9-13, April 27-May 1,
June 15-19, Aug 3-7, Sept 14-18, Nov 16-20,
Dec 14-18

Radiation Safety (IRRSP Preparation)
(40 hours) $1295 (Approved by State of CA)
Jan 27-31, March 16-20, May 4-8, June 22-26,
August 10-14, Sept 28-Oct 2, Nov 30-Dec 4

Radiography Testing Level I
(40 hours) $1295
Feb 3-7, March 23-27, May 11-15,
June 29-July 2, Aug 17-21, Oct 5-9, Dec 7-11

Radiography Testing Level II
(40 hours) $1295
Feb 10-14, March 30-April 3, May 18-22,
July 8-10, Aug 24-28, Oct 12-16, Dec 14-18

Film Interpretation (40 hours) $1295
May 26-29, Nov 9,10,12,13

Eddy Current Testing Level I (40 hours) $1295
Feb 10-14, August 24-28

Eddy Current Testing Level II (40 hours) $1295
February 17-21, August 31-September 4

Visual Testing Level II (24 hours) $845
May 26-28, December 21-23

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 30-31, October 12-13

Ultrasonic Phased Array Level I (SNT-TC-1A) (40 hours)
$1995
March 30-April 3, October 12-16

Ultrasonic Phased Array Level II (SNT-TC-1A) (40 hours)
$1995
April 6-10, October 19-23

Ultrasonic Phased Array Composite Inspection
New for 2020 (40 hours) $1995
May 18-22, July 13-17

Back for 2020, Scheduled,
ASNT NDT Level III Examination,
Refresher Courses

Basic Level III – Includes text book package July 6-10
worth over $300 (40 hours) $1395

Eddy Current Level III (24 hours) $995 November 23-25
Visual Testing Level III (16 hours) $795 November 9-10
Magnetic Particle Level III (16 hours) $795 July 13-14
Penetrant Level III (16 hours) $795 July 15-16
Radiography Level III (24 hours) $995 December 21-23
Ultrasonic Level III (40 hours) $1395 December 14-18

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 2020

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