APFNDT Regional News

Newsletter Vol. 6, Issue 1. January, 2023

Asia Pacific Federation for Non-Destructive Testing (APFNDT)



Table of Contents

- I. Current APFNDT Board of Directors
- II. Message from the President of APFNDT
- III. 16th APCNDT Update (AINDT)
- IV. Report from ASNT Annual Conference (ASNT)
- V. Report from SINCE 2022 (NDTSS)
- VI. Advertisements and Event Schedule

Advertisements

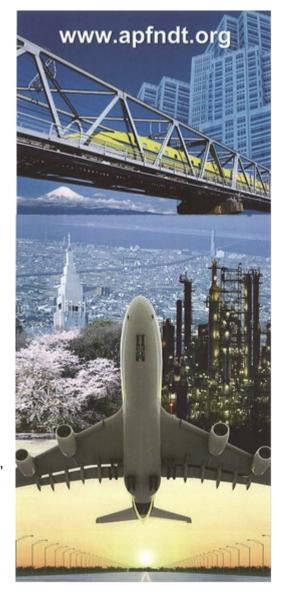
- (1) WCNDT 2024 (KSNT)
- (2) 2024 Photo Competition (ICNDT)
- (3) APCNDT 2023 (AINDT)
- (4) Conferences & Events, 2023-2025 Schedule

APFNDT Secretariat

C/O The Japanese Society for Non-Destructive Inspection (JSNDI) 10F Tachibana Annex Building, 2-25-14 Kameido, Koto-ku, Tokyo, 136-0071, Japan

Website: www.apfndt.org

E-mail: secretariat@jsndi.or.jp



I. Current APFNDT Board of Directors

APFNDT Executive Committee (AEC) 2017-2023



President Dr. Norikazu Ooka, The Japanese Society for Non-Destructive Inspection (JSNDI)



General Secretary Mr. Les Dick, New Zealand Non Destructive Testing Association (NZNDTA)



Vice President Dr. Jong Po Lee, The Korean Society for Nondestructive Testing (KSNT)



Treasurer Mr. Kevin Smith, The American Society for *Nondestructive Testing (ASNT)*



Immediate Past President Dr. B. Venkatraman, Indian Society for Non-destructive Testing (ISNT)



16th APCNDT President, Mr. Paul Grosser, The Australian Institute for Non-Destructive Testing (AINDT)



Secretariat Representative Mr. Shohei Ooka, The Japanese Society for Non-Destructive Inspection (JSNDI)



Auditor Dr. S. K. Babu, Non-Destructive Testing Society Singapore (NDTSS)

APFNDT Board Members 2017-2023

Western, Central & South Asia

Mr. D. J. Varde,

The Indian Society for Non Destructive Testing (ISNT)

Mr. Alexander Mullin,

The Russian Society for Non Destructive Testing and Technical Diagnostics (RSNTTD)

Regional Representative (Group 1) Regional Representative (Group 2) **East & South East Asia**

Dr. Gong Tian Shen,

The Chinese Society for Non Destructive Testing (ChSNDT)

Dr. Man Yong Choi,

The Korean Society for Non Destructive Testing (KSNT)

Dr. Takamasa Ogata,

The Japanese Society for Non-Destructive Inspection (JSNDI)

Prof. Chih-Hung Chiang,

The Society for Nondestructive Testing and Certification of Taiwan (SNTCT)

Regional Representative (Group 3) Pacific & Oceania

Mr. Glenn Tubrett,

The Canadian Institute for Non-destructive Evaluation (CINDE)

Mr. Pranay Wadyalkar,

The Australian Institute for Non Destructive Testing (AINDT)

II. Message from the President of APFNDT

Greetings Members of The Asia-Pacific Federation for Non-Destructive Testing (APFNDT),

I would like to wish you all a very Happy New Year and hope this year brings great prosperity. Though we are just beginning the year, there is much in the NDT world to look forward to. Of course by now everyone is well aware of all the postponements that had to be made due to the COVID-19 outbreak in 2020, but finally we will once again see the return of two Regional NDT events in 2023. The 8th PANNDT unfortunately had to finally be postponed to June 2025 in Ontario Canada, and of course the 13th ECNDT is on track to take place this year on 3 to 7 July, in Lisbon, Portugal. Before all of that though, I am very much looking forward to our regional conference, the 16th APCNDT on February 28th to March 3rd, 2023 in Melbourne, Australia.

Due to the setbacks these recent years, members were unable to come together and exchange information as we have always done in the past. The 16th APCNDT will provide an excellent opportunity for the APFNDT Executive Committee (AEC), Board and Member Societies to finally meet in person once again which I hope will be a very joyous occasion. Because of this, I highly encourage all APFNDT Member Societies to attend if they have not already made plans to, as Federation related meetings, such as Task Group and Board meetings, will be carried out through the conference. Of course this will lead into the subsequent General Assembly where many important items will need to be voted on and approved. For all of the information on how to register and to view the full Conference Program, please visit the official website at www.apcndt2023.com.au

Of course if you have any questions or concerns always feel free to contact the Secretariat at secretariat@jsndi.or.jp

Best regards and Happy New Year!

Dr. Norikazu Ooka

Dr. Norikazu Ooka

President, The Asia-Pacific Federation for Non-Destructive Testing (APFNDT)

III. 16th APCNDT Update (AINDT)

The Asia Pacific Conference on NDT 2023 (APCNDT2023) will be held in Melbourne, Australia from the 28th February to 3rd March. Please use this link to register your attendance for this exciting event: https://www.apcndt2023.com.au/online-registration

Being held at the Melbourne Convention and Exhibition Centre (MCEC), which is superbly located right in the heart of Melbourne on the edge of the Yarra River, just a 20-minute drive from Melbourne airport. Surrounded by a wide range of accommodation within easy walking distance to restaurants, cafes, city centre, the MCEC connects you with everything you need.

We are pleased to announce our draft program. The program will also provide panel / Q&A sessions made up of industry experts who will be able to provide industrial updates and provide answers to any burning questions attendees may have. These sessions on topics such as Quality / ISO17025 / NATA, General NDT / Qualification Certification, NDE 4.0, and Pressure Equipment and Plant (AICIP). https://www.apcndt2023.com.au/schedule

We are extremely excited to promote our keynote speakers:



Paul Holloway
President of Holloway NDT &
Engineering Inc. Ontario, Canada

Paul Holloway, President of Holloway NDT & Engineering Inc. is a Professional Engineer and UT Level 3 based out of Ontario, Canada, providing advanced ultrasonic field services, training and consulting. He has a Master's degree in Mechanical Engineering and 20 years of experience in ultrasonic testing. He holds numerous patents and trademarks, including the PA-CAT technique and the ERVW block collaboration with PH Tool. He regularly publishes articles for industry journals and hosts a popular YouTube channel related to UT.



Jennifer Evans

Chief Executive Office of the National Association of Testing Authorities Australia

Jennifer Evans is the Chief Executive Officer of the National Association of Testing Authorities, a position she has held since May 2011. She holds a Bachelor of Applied Science (Medical Laboratory Science) and a Masters of Business Administration.

She joined NATA in 1987 as a Scientific Officer (Lead Assessor) in the newly established program for the accreditation of pathology laboratories. Jennifer established new accreditation programs for laboratories performing paternity testing under the Commonwealth Family Law Regulations and for forensic science laboratories providing services for the criminal justice system and State Coroners, and was appointed Manager of the Forensic Science accreditation program in 1993. In that role, she also made a number of presentations at international forensic science conferences and symposiums, conducted a training course for the FBI's forensic laboratory quality group in Quantico and was the lead assessor in a pre-accreditation evaluation of the FBI's forensic laboratory in Washington DC. In 1998 she was appointed the first Manager of the NATA's Medical Imaging accreditation program and was responsible for the of the development early stages this program. Throughout this time she performed well over five hundred assessments as a lead assessor.

She was appointed to a senior management position as NATA's Quality Manager in 2001 and to the position of General Manager, Accreditation Services in 2006. In this position she had responsibility for the four major components of NATA's accreditation service - operations, technical, quality management and corporate governance. As CEO, Jennifer has led significant organisational changes including in the areas of accreditation service delivery, ICT, stakeholder engagement and most recently in NATA's communication and messaging.

She is currently Chair of the Asia-Pacific Accreditation Cooperation (APAC), a member of APAC's MRA Management Committee, Chair of the International Laboratory Accreditation Cooperation (ILAC) Arrangement Management Committee, and a member of the ILAC Executive Committee. She is also a Lead Evaluator for ILAC/APAC evaluations of accreditation bodies for signatory status in Mutual Recognition Agreements.



Christine Scala

Director, Christine Scala Management

Pty. Ltd. Australia

Dr Christine Scala is an internationally-recognised expert in

non-destructive evaluation (NDE) and in advanced materials science. Following completion of her PhD in solid state physics, she became a researcher and then group leader in NDE at DST Group, Australian Dept. of Defence. Christine was then appointed as a Research Leader, leading a large multi-disciplinary research branch in advanced materials across the air, maritime, land and enabling research sectors. This included leading research programs in NDE, structural health monitoring, corrosion, composites, corrosion and other protective programs levered off extensive technologies. These collaborations with universities and industry.

Following retirement from Public Service, Christine established a successful strategic scientific advisory business. She has received numerous Australian and international awards, served on advisory committees for various international journals, and co-authored over 100 scientific publications.



lain Baillie Chief of Operations, Rolls-Royce UK

lain graduated in 2001 with a BSc (Hons) in Applied Physics with Computing, from Edinburgh Napier University. He joined Corus, aka British Steel in their

continuous casting department. Here, he worked on instrumentation and started on his career in NDT.

Whilst working full time, he undertook his Engineering Doctorate using Laser-EMATs on hot, moving steel which was completed in 2007. In 2009, with the decline of the UK steel industry, he then moved to Rolls-Royce Submarines, joining their R&D NDT team. Here, he researched both phased array inspections and high temperature NDT for nuclear components. In 2010, an opportunity for promotion arose and he became the NDE Laboratory Team Leader for Aerospace. This led onto a further promotion in 2013 where he became the UK NDE Laboratory Manager. Here, he led the In-service NDE team who developed on-wing NDT techniques, the NDT Supply chain team (responsible for over 400 suppliers) and the NDE R&D team.

In 2020, he left the NDE Laboratory to become Chief of Engineering Resource and is currently Chief of Engineering Operations. This means he's responsible for ensuring the matrix organisation wisely spends its 1.8bn Australian Dollar budget across its 6000 Engineering staff and thousands of contractors. This involves future planning for new skills to pursue Rolls-Royce's goals of low carbon, electrification and fuel efficiency and his NDT experience helps ensure processes are well written and documented.

A Chartered Engineer and Fellow of BINDT, he is now the BINDT Past-President and has been Chair of the NDT Technical Committee. He was the lead employer for NDT Apprenticeship programmes across England and Scotland, which 100s of people have graduated from. He was recently appointed as a Visiting Professor at Huddersfield University. His hobbies include Mustangs, pet rabbits and Star Trek.



Paul Grosser

President, APCNDT 2023 Australia

With over 25 years' experience in NDT, Paul is a Chartered Engineer and multidiscipline Level 3 specialising in advanced techniques.

Alongside his technical capabilities, Paul was a long term (10 years) director of the AINDT and former Federal President.

Paul continues to represent NDT in the following roles:

- President APCNDT 2023
- Voting Committee Member Standards Australia
- NATA NDT Accreditation Advisory Committee
- Technical Expert International Atomic Energy Agency (IAEA)
- Australian Representative NDT International Atomic Energy Agency (IAEA)
- Board of Directors Asia Pacific Federation for NDT (APFNDT)
- Applications Committee Australian Institute for NDT (AINDT)

Alongside the speaker program, we have a packed exhibition which will be displaying all the latest NDT & CM equipment and goodies for attendees to interact with! We have exhibitors from all over the globe who will be more than happy to discuss your equipment needs and answer any technical questions you may have pertaining to your inspection requirements. To see a full list please visit the following link www.apcndt2023.com.au/our-exhibitors

APCNDT2023 promises to be an industry event not to be missed! Please get in quick before the early bird registration period ends!!

Peter Milligan

Chief Executive Officer



PO Box 52, Parkville VIC 3052, Australia

peter.milligan@aindt.com.au

IV. Report from ASNT 2022 Annual Conference

ASNT 2022: The Annual Conference brought together more than 1900 nondestructive testing (NDT) professionals to the

Gaylord Opryland Resort and Convention Center in Nashville, Tennessee, to network with colleagues, hear about the latest research, view new NDT technology in action, and reconnect with the Society.

The Annual Meeting of the Members was held before the official kickoff of the conference on Monday, 31 October. For the second year, the meeting was held both in person and virtually. Chairperson of the Board, John Iman, presented the State of the Society, during which he reviewed progress made toward ASNT's Strategic Plan for 2022–2026. Of note is the debut of new Industry Sector Qualifications; the establishment of ASNT India Private Ltd. Co. and the ASNT Foundation; and a new advocacy initiative for the Society. Treasurer Brad Pence then presented the financial report for the fiscal year ending on 30 June 2022. A detailed summary of the financial report will be published in January 2023 *Materials Evaluation*.

The opening keynote officially kicked off the conference on Monday, 31 October before the Welcome Reception. "Limitless" was delivered by Dr. Moogega Cooper, an engineer at the NASA Jet Propulsion Laboratory. Dr. Moo shared leadership lessons learned from her inspirational journey to the top of the male-dominated field of space exploration. Tuesday's general session featured an international panel of esteemed guests who addressed various topics of interest to the global NDT community, such as workforce development, technology development, standards and certification, and ethics.



Waiting to enter the Exhibition Hall on opening night.

On Wednesday, Glenn Washer, PhD, delivered the Lester/Mehl Honor Lecture titled "Developments and Challenges for Nondestructive Testing of Bridges." NDT for highway bridges is unique from other applications for several reasons, and as a result, the inclusion of NDT into the condition assessment protocols for bridges presents unique challenges.

The program ended on Thursday with a second keynote and luncheon. Tim Hwang, who is an expert on artificial intelligence (AI), presented "The Challenges & Opportunities of AI." His intriguing lecture addressed a broad range of topics related to ensuring that AI systems are designed and used ethically.

The exhibits opened directly after the opening keynote on Monday evening. During the Welcome Reception, attendees enjoyed refreshments while visiting nearly 200 booths staffed with representatives ready to demonstrate equipment and answer questions. The exhibits were also open during the day on Tuesday and Wednesday.

ASNT hosted its first-ever UT Competition designed especially for Level II technicians. After a very competitive performance, Aaron Guidry of Versa Integrity Group took the top spot, winning the grand prize of \$500. Guidry also happens to be certified through ASNT's Industry Section Qualification for Oil & Gas (ISQ — O&G) program in Ultrasonic Thickness Testing (UTT) and Ultrasonic Shearwave Testing (UTSW). Tim Everhart of MISTRAS Group placed second, winning a prize of \$250.

The technical program, showcasing the latest research and applications of NDT in a variety of methods and industries, is always a highlight of the Annual Conference. This year's program featured more than 50 presentations in 14 different session tracks, many of which were streamed live for virtual attendees.



International VIP Guests

ASNT Celebrates!, a gala event to honor and celebrate the NDT industry, the Society, and ASNT's members, took place on Wednesday evening. The event kicked off with a whiskey tasting and live music. After the plated dinner, ASNT presented some of the Society's most prestigious awards, including the 50-Year Recognition, the Mentoring Award, ASNT Fellows, Charles N. Sherlock Meritorious Service Award, Robert C. McMaster Gold Medal, and Philip D. Johnson Honorary Member Award.

Save the Date

Next year's Annual Conference will take place at the George R. Brown Convention Center and Marriott Marquis in Houston, Texas, from 23–26 October 2023. Can ASNT 2022 in Nashville, Tennessee, possibly be topped? Don't miss your chance to find out—in person!

V. Report from SINCE 2022 (NDTSS)

The 4th Singapore International NDT Conference & Exhibition (SINCE 2022) was successfully hosted by Non-Destructive Testing Society Singapore between 7 and 8 November 2022 at the Marina Bay Sands Convention Center, Singapore.

The Conference & Exhibition was opened by Guest of Honour Dr. Norikazu Ooka, President of APFNDT and Ms. Choy Sauw Kook, Director General for Quality & Standards, ESG, Singapore.



Opening Address at SINCE 2022 by APFNDT President,
Dr. Norikazu Ooka

Welcome address by ICNDT Chair & NDTSS President Dr. S. K. Babu followed by a Gala Dinner was welcomed by the SINCE 2022 president Dr. B. Muthu. The conference also received other Invited guest including Mr. Sze Thiam Siong (President AWF, Chairman Advisory Committee NDTSS), Dr. Krishnan Balasubramanian (Professor IIT Chennai), Dr. Younho Cho (President 20th WCNDT), Mr. Paul Grosser (President 16th APCNDT), Dr' Guiseppe Nardoni (Founder Nardoni Institute, Past President Academia NDT), Dr. Vladimir Syasko (Professor St. Petersburg University) and several distinguished notable speakers.

NDTSS since its inception in 1997 has sailed a long way and celebrated the silver jubilee this year of service excellence in serving the NDT community and various Industries. The conference was held fully physical, in person event which is a breakthrough after the long pandemic.

In Singapore NDT is cut across various industries and to name a few which I closely work with are the Oil & Gas Industry, Marine & Offshore Industry, Aviation & Transport Industry, Manufacturing & Construction Industry, the Conference & Exhibition was timely to help refresh the industry.

A total of 19 countries across the Asia Pacific, Europe and Pan American region participated into one arena to discuss the changes, digitalization of NDT to the growing market needs. A total of 53 presentations will be presented in this conference from various NDT methods such as Saturated Eddy Current Inspection, Laser Shearography, Microwave Imaging, Induction Thermography, NDE Technologies towards NDE 4.0, Accelerated Image reconstruction techniques for X-ray CT, Advanced DDF, Optical Coherence Tomography, High Frequency ET, High order Mode cluster Guided waves and so on.

25 exhibitors had showcased their new products which are productivity & market driven suitable for the latest technology development. Diamond Sponsor Eddyfi and Gold Sponsor, Astar Group, Masterscan Engineering and Evident Scientific with other silver sponsors and exhibitors.



From Left to Right: Diwakar Joshi (ISNT Pres.) Norikazu Ooka (APFNDT Pres.) S.K. Babu (NDTSS Pres.) B. Muthuramalingam (NDTSS Vice Pres.) Leslie Dick (NZNDTA Pres.) Irene Pettigrew (AINDT Pres.)

A total of 450 guests joined the Conference & Exhibition respectively during the two days and during this conference NDTSS together with Standards body SMF, released the SS ISO 9712: 2022, A Singapore standard which is a national adoption of ISO 9712:2021 to support the industry and elevate the personnel competence in Non-Destructive Testing



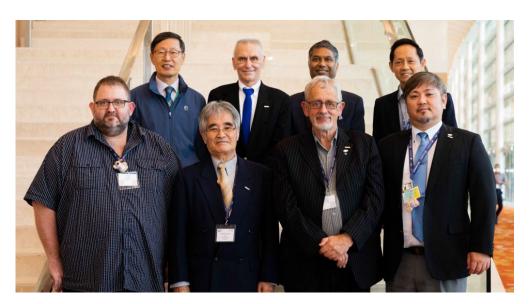


Releasing of SS ISO 9712:2022

From left to right: Dr. S.K. Babu, Ms. Choy Sauw Kook and Dr. Norikazu Ooka.

Dr. Ooka and Mr. G. Bala of ASTAR Testing, Singapore was awarded the **NDTSS Honorary Fellow Award** during this conference. This is the highest honour of NDTSS for the exemplary leadership & service excellence to the Society.

During this conference APFNDT executive meetings were held to decide the next term of office and the planning for various meetings at 16th APCNDT in Melbourne, Australia. APFNDT President Dr. Ooka chaired the Executive Committee (AEC) meetings and deliberated various important steps for the next term of APFNDT.

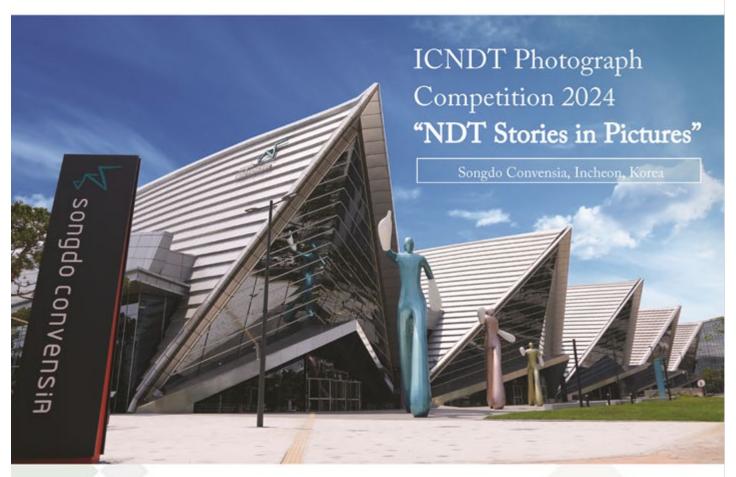


APFNDT AEC Meeting 8 November, 2022

Left to Right, Top Row: J.P Lee (KSNT), Mr. Kevin Smith (ASNT), Dr. S.K. Babu (NDTSS), Mr. Sze Thiam Siong (AWF)
Bottom Row: Mr. Paul Grosser (AINDT), Dr. Norikazu Ooka (JSNDI), Mr. Leslie Dick (NZNDTA), Mr. Shohei Ooka (JSNDI)







Prize

Win the prize of "One Free Full Registration" to the 20th World Conference on Non-Destructive Testing (WCNDT) from 27 to 31 May 2024 in Korea.

Deadline 31 January 2024

Commendation

The winner will be announced on the ICNDT Website by the end of March 2024, and awarded during the 20th WCNDT with a certificate of commendation.

How to apply

To enter the "ICNDT Photograph Competition 2024", please visit the ICNDT website at www.icndt.org to download all forms and once completed, send it back with one photograph to the ICNDT WG 4 at icndt@jsndi.or.jp.

If you have any inquiries you wish to know, please contact to ICNDT WG 4 (icndt@jsndi.or.jp).

16th ASIA PACIFIC CONFERENCE FOR NON-DESTRUCTIVE TESTING 2023





CALL FOR PAPERS AND INTRODUCTION TO MENTORSHIP PROGRAM

A MAJOR FUNCTION OF APCNDT2023 WILL BE THE PRESENTATION OF PAPERS. IN THE INTEREST IN GETTING MORE FIRST-TIME PRESENTERS, THE AINDT HAS INTRODUCED ACCESS TO AN EXCLUSIVE MENTORSHIP TO ASSIST WITH FIRST-TIME PRESENTER PREPARATIONS.

THE ESTABLISHED PRESENTERS WHO MAKE UP THE PANEL OF MENTORS THUS FAR INCLUDE:

DR CHRISTINE SCALA · PAUL GROSSER · DR GARY MARTIN

NICK ELEFTHERIOU · NEIL YOUNG

THE MENTORING WILL BE DONE REMOTELY VIA PHONE, TEAMS ETC. AND CAN INCLUDE:

TECHNICAL ADVICE

BUILDING CONFIDENCE IN PUBLIC SPEAKING

PRACTICE IN PRESENTING

·HOW TO CONVERT A PAPER TO PRESENTATION

GENERAL SPEAKING TIPS

SUBMIT YOUR PAPER HERE FOR REVIEW:

WWW.APCNDT2023.COM.AU/CALL-FOR-ABSTRACTS









The 16th APCNDT Conference is promising to be the must attend regional event for the Asia Pacific Federation for Non-Destructive Testing and its member societies. The conference will include a technical and scientific program along with technical educational workshops presented by leading NDT and CM experts.

Conferences & Events 2023-2025 Schedule

International Conferences

8th International Workshop on Reliability of NDT/NDE, (SPIE/ICNDT)

12-16 March, 2023

Long Beach, California, USA

www.spie.org/ss

International Symposium on Nondestructive Characterization of Materials, (ASNT)

15-17 August 2023

Zurich, Switzerland

www.asnt.org

60th Annual British Conference on NDT & 19th International Conference on Condition Monitoring and Asset Management CM 2023, (BINDT)

12-14, September 2023

Park Inn by Radison Hotel, Northampton, UK

www.bindt.org

The 20th World Conference on Non-Destructive Testing 20th WCNDT, (KSNT)

27-31 May, 2024

Songdo Convensia, Incheon, Korea.

www.20thwcndt.com

Regional Conferences

The 16th Asia-Pacific Conference for Non-Destructive Testing, 16th APCNDT (AINDT)

28 February to 3 March - 2023 Melbourne Convention & Exhibition Centre, Australia

www.apcndt2023.com.au

The 13th European Conference on

Non-Destructive Testing, ECNDT 2023 (RELACRE)

3-7 July, 2023 - Centre de Congressos de Lisboa (CCL),

Lisbon, Portugal

www.ecndt2023.org

The 8th Pan-American Conference

for Non-Destructive Testing PANNDT 2025, (CINDE)

June 2025 (Postponed from 19-23 June 2023.)

Niagara Falls, Ontario, Canada

https://www.panndt.org

National Conferences

Digital Imaging for NDT (ASNT)

9-11 May 2023 - New Orleans, LA, USA

Research Symposium (ASNT)

26-29 June 2023 - Columbus, OH, USA

ASNT 2023: The Annual Conference

October 23-26, 2023 - Marriot Marquis, Houston TX, USA

www.asnt.org

If your Society/Organization has an event or conference you would like to promote, especially in the Asia-Pacific Region, please contact the APFNDT Secretariat at secretariat@jsndi.or.jp

