



The World Organisation for NDT

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CHAIRMAN'S MESSAGE

The pursuit of mutual objectives

I'm writing this Chairman's Letter whilst preparing for attending the 5th Pan American NDT Conference in Cancún and tidying up the actions following a meeting of the EFNDT Board of Directors during The British Institute of NDT's 50th Annual Conference in Telford.

It was a huge privilege to present the 'President's Honour Lecture' at the conference. I had been asked to review the last 50 years and to give my views on the future of BINDT. My own membership extends back only 37 years but there were people present who could claim more than 50 years, including Mr Victor Vagg who joined the predecessor society in 1954!

Looking back over the years since the formation of BINDT, it is clear that the major steps forward have come as a result of the brave and sometimes heroic leadership of individual members of the organisation who have seen an opportunity and persuaded their colleagues to grasp it. In BINDT, the big steps were the move to our own premises, organising the 4th European Conference in 1987, setting up PCN (Personnel Certification in NDT) and running it at a loss for ten years, extension into condition monitoring, and engaging fully with EFNDT and ICNDT and providing the secretariats.

We have enjoyed similar foresight and leadership in ICNDT and are now engaged in preparing the Strategic Plan for the next four years. This will be the main subject of discussion at our Policy and General Purposes meeting in Cancún.

In my BINDT lecture, I argued that the main themes of ICNDT's activities will continue, ie:

- promotion of the importance of NDT;
- recognition that NDT is a globalised activity; and
- finding ways to ensure quality in NDT, globally.

These are major challenges even for large NDT societies but must look very daunting for small, under-funded societies. We therefore need to find new ways of cooperation between large societies and small ones to pursue our mutual objectives. To this end, we are organising workshops with new/fledgling NDT societies in Cancún and in Durban.

Last, but not least, please hurry to submit your abstracts for the 18th WCNDT. The South African Institute of NDT (SAINT) is doing a great job. The 18th WCNDT will be both a true 'world conference' and an opportunity to support our NDT colleagues throughout Africa.

See you in Durban,

Dr J M Farley
Chairman, ICNDT



Dr Farley's Toast to BINDT

It is a pleasure and honour to give the President's Honour Lecture and to propose this toast at BINDT's 50th Annual Conference. Thank you President Steve for your invitation.

I'd like to take the opportunity to look back over 50 years and highlight some initiatives which proved very important in the development of the Institute; initiatives which required vision, bravery and drive by the respective presidents.

Back in the mid-seventies we had not one but two NDT societies in the UK: SONDE and the NDT Society of GB. We also had NDT sections in the IOP, IMechE, IEE and the forerunner of the Welding Institute and a 'British National Committee', which chose the UK representative to the ICNDT.

Ken Williams was President of the NDT Society of GB and Dennis Wells was President of SONDE.

It was good to read the article by Ken Williams in September's *Insight* and to see both he and Dennis Wells present here tonight.

Well, these two gentlemen saw the benefits of a more powerful single society and amalgamated in 1976 to form The British Institute of NDT.

The next brave step was to move the small secretariat – Ian and Dorothy Barnes – into its own HQ building in Northampton, chosen because it was central, near the (new) M1 motorway and had a suitable building – formerly the Council HQ – available. Well done, Dennis, again.

In 1983 or 4, a number of senior Institute figures (including the Secretary Frank Beaumont, Graham Oates, Haydon Webborn, Dennis Wells and Trevor Baugh) attended the 3rd European NDT Conference in Florence, organised by Giuseppe Nardoni, and came back with the news that London was to be the venue for the 4th ECNDT and we would be the organisers. Once Council started to discuss the budget we realised that

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Your new ICNDT Journal is available for downloading from www.icndt.org

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Material should be sent to Sharon Bond, email: s.bond@cinde.ca by 28 October 2011

Continued from front page
another brave decision had been made.

It was still braver when we committed to the new, unfinished QE2 Conference Centre opposite Westminster Abbey. I had just enjoyed organising the annual conference in Glasgow and was pressed into being the Technical Chairman for the London Conference. The conference was a huge success and put the Institute firmly on the European map. During Graham's presidency we created a proper constitution for the European Council for NDT, which eventually became the EFNDT.

The European Conference also sealed BINDT's position as the leading UK organisation in NDT and a number of key people came into the organisation for the first time, notably Dr Roy Sharpe and Dr Bill Gardner from the National NDT Centre at Harwell.

Bill, of course, was to go on to give great service, continuing as President, Treasurer and Honorary Technical Editor of *Insight*, succeeding Ron Halmshaw.

During my presidency we took the BNC for NDT under our wing and finally were able to nominate the UK representative to the ICNDT... Roy Sharpe in 1989 and me in 1992.

Also heroic was the creation and gestation of PCN. It started, I believe, with Brian Lambert, President of the NDT Society of GB in 1972-1974 and who, in 1981, had the vision to see the benefits of a single UK certification scheme to replace the multiple certificates that operators then

needed – CSWIP, MOD, CEEGB, CAA... The gestation was slow and the initial funds ran out by 1986. There was much anguished debate in Council about the wisdom of pouring money away, nevertheless recruiting John Thompson in 1987 when the accumulated deficit reached £25k.

The turnaround came when the CEEGB agreed to close down its scheme and adopt PCN, and 10 years after the initiation the accumulated surplus was £45k. Since then there has been steady year-on-year growth.

Now we have an annual surplus, nearly 73,000 certificates issued in NDT, nearly 1000 in CM, and 34 examination centres, 16 in the UK and 18 abroad, in nine countries. PCN certification is widely recognised around the world.

And John is still as productive as ever, working for PCN, BINDT, ICNDT and ISO/CEN.

There was no heroism or bravery in our initial involvement in EFNDT and ICNDT. Until 1990 the representation had always been a job for the president, and our representative changed to a new face every two years. In 1990, it was decided, first by Chris Brook and then by John Whittle, that our contribution and influence would be greater if someone was appointed for a longer term. That was me! And I believe it was a correct decision.

We had to be a bit braver when we had to commit to providing the secretariat to EFNDT for my period as President, and then to providing the secretariat to ICNDT during my Chairmanship.

Future ICNDT Committee Meetings

Executive

Apr 2012: at WCNDT, Durban, South Africa

General Assembly

Apr 2012: at WCNDT, Durban, South Africa

PGP

Sun 2 Oct 2011: Cancún
Apr 2012: at WCNDT, Durban, South Africa

Working Group 1

Sat 1 Oct 2011: Cancún
Apr 2012: at WCNDT, Durban, South Africa

INVITATION TO PRAGUE

- CAPITAL OF THE CZECH REPUBLIC

11th ECNDT
PRAGUE 2014
October 6-10, 2014

Czech Republic

EF European Federation for
Non-Destructive Testing
NDT



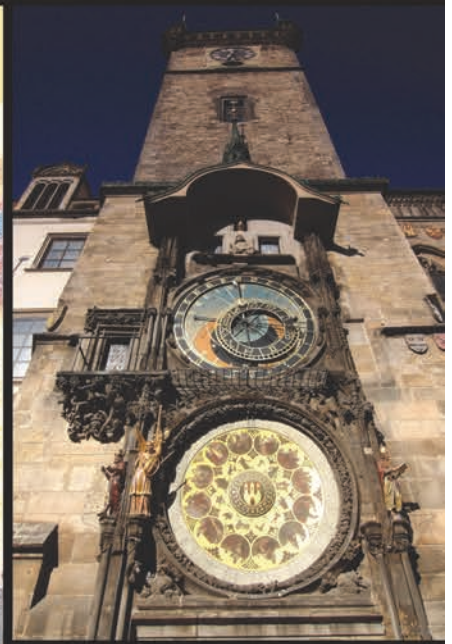
Czech Society
for NDT



Prague - the right place to host
the 11th ECNDT in 2014

11th European Conference on Non-Destructive Testing

www.ecndt2014.com



AFRICA

Facts about the 18th WCNDT in Durban

It is all systems go for the 18th World Conference on Non-Destructive Testing, which will be held in Durban, South Africa, from 16 to 20 April 2012.

The following information is of great importance at present:

1. The website for submission of abstracts is live and can be accessed at the following site: www.wcndt2012.org.za
2. The deadline for the submission of abstracts is 15 October 2011.
3. People who have submitted abstracts will be informed by 15 November 2011 of the acceptance of the proposed paper into the scientific programme of the conference.
4. The full paper must be submitted by 31 January 2012 for inclusion in the CD of the proceedings.
5. Abstracts received from accepted speakers who will have paid

the conference fee by 31 January 2012 will be included in the scientific programme. The full papers will, however, not be included in the proceedings. Publication of the full paper will be possible on www.ndt.net

6. To date, 8000 m² of exhibition space has been sold. Only 20 exhibition stands (3 m by 3 m) are at present still available. Should you require exhibition space, please contact the responsible personnel on www.wcndt2012.org.za as soon as possible.

We look forward to meeting all of you in Durban at the 18th WCNDT.

*Manfred Johannes
SAINT President*

And the countdown continues...

The organisation of the 18th World Conference on Non-Destructive Testing (18th WCNDT) is proceeding at a rapid pace, and all indications are that it is going to be a roaring success.

The conference will be taking place in Durban, South Africa, between 16 and 20 April 2012. This is a very pleasant time of the year weather-wise and delegates can expect a great professional and sensual treat. The venue for the conference is the International Convention Centre in Durban, an ultra-modern facility with lecture theatres and exhibition floor space able to accommodate even the largest conventions. It is a short walk from the beach, where there is a variety of hotels and self-catering establishments to suit one's pocket.

A professional organisation, The Conference Company, is being used to handle the administrative details such as registrations, managing the database for abstracts etc, and they will also be able to make accommodation bookings for delegates at reduced rates that they are able to negotiate with the hotels.

The general area of the Convention Centre and beach-front has been considerably upgraded in recent years and has become an attractive tourist magnet. Durban is a natural gateway to many tourist attractions, such as game parks, coastal areas and the majestic Drakensberg. The city itself is a cosmopolitan place, projecting Zulu pride, western culture and a strong oriental influence.

The present plans for the conference structure call for a mid-morning invited talk of one hour on each day and contributed talks of 20 minutes in parallel sessions, as well as poster sessions. A number of invited speakers have confirmed so far. See above for the important dates.

The broad theme of the 18th WCNDT is: 'NDT in the Service of Society, in Safety Assurance, Quality Control and Condition Monitoring'. In specific terms, this translates into the following subject areas:

- General topics such as training and certification, regulation and standardisation.
- NDT applications in transport, civil structures, mining, power

generation and the chemical, steel and wood pulp industries.

- Africa-specific NDT problems and applications. It is the intent to include a one-day session devoted to the AFRA 5th African NDT Conference.
- Materials' characterisation.
- Condition monitoring.
- R&D in electromagnetic, optical, radiographic, thermographic and ultrasonic NDT techniques.

Negotiations are continuing with Drs Baldev Raj and Venkataraman from India regarding the running of a pre-conference workshop on Advanced Digital Imaging Techniques on the weekend prior to the conference, and a possible workshop on NDT for Regulators. We have had a local offer to run a practical workshop, which would be aimed at relative newcomers to the field. Offers from individuals or organisations to run mini-symposia on specific topics, to be accommodated within the programme of the conference, will be considered.

Technical tours to a number of industrial and other sites where NDT is featured are being planned and there will also be a social programme for delegates and accompanying persons.

Authors will be invited to submit electronic files of their papers for inclusion in the Conference Proceedings, which will be provided to the delegates at the conference on CD and be made available online. Information on the length and format of the papers will be posted on the conference website, and the manuscript submission deadline for inclusion on the CD will be 31 January 2012.

Much effort is at present going into the marketing and promotion of the 18th WCNDT. The President, Manfred Johannes, Chairman, Hugh Neeson, and Chairman of the Marketing Committee, Butch Davies, have attended or will be attending a number of international conferences, including the Indian conference NDE-2010, and conducting a publicity campaign for the 18th WCNDT. The Marketing Committee is also energetically approaching a range of companies dealing in NDT supplies, NDT service providers and the users of NDT services for sponsorship and exhibiting.

The conference website is <http://www.wcndt2012.org.za>

The conference is being run under the auspices of the South African Institute of NDT. Tel: +27 11 719 5717; Email: saint@saint.org.za; website: <http://www.saint.org.za>

Management: The Conference Company. Tel: +27 31 303 9852; email: deidre@confco.co.za



The ultra-modern International Convention Centre in Durban, venue for the 18th World Conference on Non-Destructive Testing



18TH WCNDT

DURBAN · SOUTH AFRICA · 2012

World Conference on Non Destructive Testing

THEME

NDT IN SERVICE OF SOCIETY -
in safety assurance, quality
control and condition monitoring.

16 - 20 April 2012
International Convention
Centre, Durban,
South Africa



Contact Details:

Local Conference Secretariat
The Conference Company, South Africa
Tel: + 27 31 303 9852 Fax: + 27 31 303 9529
Nina Freysen-Pretorius / Deidre Hancke-Haysom
nina@confco.co.za / deidre@confco.co.za

Conference Website: www.wcndt2012.org.za

ASIA-PACIFIC

News from The Malaysian Society for NDT

Malaysia International NDT Conference and Exhibition 2011 – 21-22 November 2011

Once again, the Malaysian Society for NDT (MSNT) is organising this most important event for members of the NDT community in Malaysia. As part of its efforts to make it more effective, this time MSNT has chosen to work together with the Malaysian Welding and Joining Society (MWJS) in organising the event.

It is a well known fact that welding and NDT have worked hand-in-hand to steer the national industrial economy. This is particularly evident in the construction, oil & gas, power, petrochemical, transportation, manufacturing and many other industries, where it is the norm that the performance of welding and its associated processes will be ultimately verified using appropriate NDT techniques.

This conference is a continuation of MSNT efforts to highlight the need to have powerful NDT methods for sensing and characterising defects in components and the need to strengthen NDT technology to meet the demands of its industries. The success of its previous conference, MINDTCE '09, inspired MSNT to continue this effort to organise MINDTCE '11. The society believes that only through this conference will members of the NDT and welding communities have the opportunity to gather and present their views and discuss the common problems and solutions related to their professions. Furthermore, through this conference, participants will gain knowledge on various activities that take place around the world that lead to the standardisation and harmonisation of NDT and welding practices.

For further information, contact Dr Abd Nassir Ibrahim, email: nassir@nuclearmalaysia.gov.my

Malaysian Nuclear Agency NDT Group receiving visitors

The Malaysian Nuclear Agency is one of the national organisations that plays a vital and effective role in propagating NDT technology in Malaysia. For this reason, many visitors are interested in visiting their facilities and discussing various matters and possible collaborations with their respective organisations. The following visits took place in July 2011:

- 20 July 2011: A group of staff from ITC Sdn Bhd to discuss a possible collaboration in areas related to NDT training, including the use of trainers and facilities by both organisations.
- 28 July 2011: Engineers and technologists from TNB Research to discuss a possible collaboration in areas related to NDT for the inspection of engineering components at conventional power stations in Malaysia.

Prior to this, scientists from Nuclear Malaysia had been invited to join TNBR's engineers for a trip to Penang Bridge to explore the possibility of using appropriate NDT technologies for the inspection of some components.



Visitors from TNBR led by Dr Badrol have expressed their interest in collaborating with the NDT laboratory of Nuclear Malaysia

First National Seminar-Workshop on Computed Tomography: Innovations and Applications at Pan Pacific Hotel, KLIA

The first ever National Seminar-Workshop on Computed Tomography: Innovations and Applications was successfully held at the Pan Pacific Hotel, KLIA, on 25 July 2011. The workshop and meeting was organised by the Computed Tomography Interest Group (CTiG), an interest group under the umbrella of the Malaysian Society for NDT (MSNT) and sponsored by Universiti Kebangsaan Malaysia (UKM). This ceremony was officiated by the Deputy Director General of the Malaysian Nuclear Agency, Dr Muhd Noor Muhd Yunus.



Attendees at the successful First National Seminar-Workshop on Computed Tomography

The meeting was attended by 13 people from universities and research institutes and chaired by the President of the CTiG, Dr Jaafar Abdullah, who is also principal researcher at the Malaysian Nuclear Agency. The purpose of the workshop and meeting was to review and discuss the preliminary results of the CTiG committee, computed tomography (CT) facilities, CT modalities and software, and also the future programme and activities. This meeting marks a significant step towards the development, promotion and utilisation of computed tomography in industrial and medical applications in Malaysia.

New NDT standards for Malaysian industry

Malaysia has now produced its own NDT standards: two standards have been published recently for radiography (published in 2007) and magnetic particle testing (published in 2011). These standards can be purchased at Sirim Berhad. The publication of these standards was made possible by the technical committee, consisting of representatives from various industrial sectors. Both standards have made relevant ISO standards their normative references, with some additional provisions made to meet national and environmental requirements. It is hoped that by having these standards, all regulatory bodies and industries should use the national standards to ensure their products meet the requirements for quality and reliability. The committee is now working on liquid penetrant and ultrasonic standards for their next projects.



PAN-AMERICA

News from The American Society for NDT

**New edition of Recommended Practice
No SNT-TC-1A released**

Now available from ASNT publications is the 2011 edition of the core document Recommended Practice No SNT-TC-1A. A few highlights of the new edition are:

- Ground Penetrant Radar added as a method
- Guided Wave added as a method
- Grading system recommendations for employers are included.

As the publication's cover page describes, Recommended Practice No SNT-TC-1A is: '...intended as a guideline for employers to establish their own written practice for the qualification and certification of non-destructive testing personnel'. To order and read about the additions and changes in the new edition, see ShopASNT at <http://www.asnt.org/shop/index.ihtml>

**ASNT's 2011 Annual Fall Conference and
Quality Testing Show set for Palm Springs
24-28 October 2011**

See the NDT Industry Bloom in the Desert at the ASNT Fall Conference and Quality Testing Show, being held at the Palm Springs Convention Center in Palm Springs, CA, USA, from 24-28 October 2011. The 2011 Fall Conference and Quality Testing Show provides a forum for the exchange of theoretical, scientific and application information.

Start planning now by registering for the NDT event that features over 100 paper presentations on relevant subject matter and visiting the Quality Testing Show. The Quality Testing Show hosts more than 100 NDT vendors who are there to show cutting-edge technology and provide solutions to real-world NDT challenges.



This year's conference features a keynote address given by John Nyholt, Non-Destructive Testing and Inspection Subject Matter Expert for BP, whose talk will address: 'An evolving relationship between NDE technology and inspection operations'; Nyholt has 32 years of inspection experience. Joe Mackin, from TEAM Industrial Services and an ASNT Past President, will give the plenary address on the changes to the new 2011 edition of Recommended Practice No SNT-TC-1A. Ricky Morgan will be giving the chairperson's address on Thursday morning. He will be discussing his experiences and challenges during his year as President of the Society. In addition, this year's conference will feature five short courses: 'A Master Class in the Art of Phased Array Data Analysis Addressing Detection'; 'Characterisation and Finite Sizing of Welding Flaws' will be instructed by Tim Armit from Lavender NDT; A course in 'Applied Probability of Detection Methods' will be presented by Jennifer Brown, who holds an MS in Statistics from Iowa State University; 'NDT of Composites' will be presented by John Register from R-CON NDT Inc; Sang Young Kim PhD from Guided Wave Analysis LLC will instruct the course on 'Guided Wave Testing (GWT) in Pipeline'; and Hussein Sadek of Technologies Consulting International Inc (TCI Inc) will teach a short course on 'Electromagnetic Testing Techniques'.

The Fall Conference is also when the Society hosts its Annual Awards Banquet, this year scheduled for Wednesday 26 October.

ASNT recognises individuals whose work in NDT has earned the Society's highest honours for outstanding professional distinction by making continued significant contributions to the advancement of NDT and the Society. You can also witness the tradition of the 'changing of the collar', symbolic of the change in society leadership, where ASNT's President is installed for the 2011-2012 year.

The Fall Conference also provides students with special opportunities:

- Free conference registration for qualified students
- Student poster contest
- Career workshop
- Interview programme
- Session monitoring opportunities
- Student membership.

The Conference Department can assist with information on these events.

ASNT is pleased to have Olympus NDT, NDT Systems, GE Measurement & Control Systems, PFINDER CHEMIE, SENTINEL/QSA Global and Carestream NDT as sponsors for the 2011 event.

See <http://www.asnt.org/events/conferences/fc11/fc11.htm> for full details regarding the programme and to register for the conference. If you have any questions, email ASNT's Conference Department at conferences@asnt.org

**Mark the calendar for the 2012 Annual
Spring Research Symposium and Conference –
Definitely Dallas**

ASNT's research community looks forward to next year's Research Symposium and Conference, which will be held in Dallas, Texas, USA, from 19-23 March 2012. Prospective authors are invited to submit abstracts on pertinent areas of NDE/NDI research. Abstracts should be submitted via the ASNT website, www.asnt.org, under the meetings and events section. Abstracts may also be submitted via email to conferences@asnt.org. Questions concerning abstracts should be directed to Jacquie Giunta in the ASNT Conference Department, email: jgiunta@asnt.org or tel: 800 222 2768 ext 213.

**Singapore International Non-Destructive
Testing Conference and Exhibition****SINCE 2011****3-4 November 2011 | Singapore****'NDT FOR A SAFER WORLD'**

Organised by: The Non-Destructive Testing Society (Singapore) in co-operation with Nanyang Technological University (NTU) and National University of Singapore (NUS).

**www.ndtss.org.sg**

CALENDAR OF NDT EVENTS

Month	Date	Venue	Event	Contact
October 2011	2-6	Cancún Mexico	5th Pan-American Conference for Non-Destructive Testing	info@copaend5.com www.copaend5.com
November 2011	2-4	Montreal Canada	International Workshop on Smart Materials & Structures and NDT in Aerospace and NDT in Canada Conference	events@cinde.ca events.cinde.ca
	2-5	Split Croatia	MATEST 2011 International NDT Conference	hdkbr@hdkbr.hr www.hdkbr.hr
	3-4	Singapore	SINCE 2011 – Singapore International Non-Destructive Testing Conference and Exhibition	ndtss@live.com.sg www.ndtss.org.sg
	9-11	Ostrava Czech Republic	Defektoskopie 2011 – 41st International Conference and Exhibition	cndt@cndt.cz www.cndt.cz
	21-22	Negeri Sembilan Malaysia	Malaysian International NDT Conference and Exhibition 2011 – MINDTCE 11	nassir@nuclearmalaysia.gov.my www.msnt.org
December 2011	8-10	Chennai India	NDE 2011 – National Seminar & Exhibition on Non-Destructive Evaluation	isntchennaichapter@gmail.com www.nde2011.in
March 2012	19-23	Dallas, Texas USA	21st Annual ASNT Research Symposium and Spring Conference	conferences@asnt.org www.asnt.org
April 2012	18-20	Durban South Africa	18th World Conference on NDT	saint@acenet.co.za www.saint.org.za
	24-26	Dayton, Ohio USA	2012 Conference of the Society for Machinery Failure Prevention Technology (MFPT)	chris@mfpt.org www.mfpt.org
May 2012	24-26	Pula Croatia	EUROJOIN 8 – Eighth European Conference on Joining Technology	hdtz.cws@fsb.hr www.fsb.hr/hdtz
June 2012	12-14	London UK	Ninth International Conference on Condition Monitoring and Machinery Failure Prevention Technologies	karen.cambridge@bindt.org www.cm-mfpt.org
	17-20	Rio de Janeiro Brazil	ENDE 2012 – The 17th International Workshop on Electromagnetic Non-Destructive Evaluation	ende2012@metalmat.ufrj.br http://ende2012.metalmat.ufrj.br
July 2012	3-6	Dresden Germany	6th European Workshop on Structural Health Monitoring	tagungen@dgzfp.de www.ewshm2012.com