



The World Organisation for NDT

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Volume 8 Issue No 6

March 2011

CHAIRMAN'S MESSAGE

Plan now to take part in WCNDT 2012

Now is the time to start planning your involvement in the 18th World Conference on NDT in Durban, South Africa, 16-20 April 2012, only about a year from now.

You may want to sponsor one of the events, promote your business in the large exhibition, present a paper, organise a workshop, participate in the conference, take your companion with you for the social programme or book a holiday alongside the conference. In every case, the sooner you make your plans the better!

The 18th WCNDT will be a 'once in a working lifetime opportunity' for many of us to take part in a major NDT event in Africa. The World Conference is organised every four years and moves around the globe, with ICNDT members from Europe, Asia-Pacific, Pan America and Africa bidding for the privilege, so arguably Africa's next turn will not come before 2028.

The conference theme, 'NDT in Service of Society', reminds us of why our discipline is so important and why we need to share our knowledge, technology and experience for the benefit of all. ICNDT therefore wants to do everything possible to maximise the benefits of this opportunity to the whole African NDT community.

ICNDT is planning, with the conference organisers, a number of ICNDT events to be held during the conference:

1. Open Session in the conference on IAEA projects in the NDT field
 - to allow IAEA to showcase its work
 - to promote discussion on future projects
2. Workshop for Regulators designed to inform regulators of the value of NDT and how to ensure its reliable delivery
3. Workshop on Qualification and Certification of NDT personnel, including the proposed ICNDT Multilateral Recognition Agreement
4. ICNDT Workshop for new/fledgling NDT societies and certification bodies
 - meet 'buddy' societies willing to be mentors
 - meet certification bodies willing to be partners
 - website shell scheme
5. ICNDT Research Workshop
 - opportunities to meet researchers from large international laboratories.

The attractions of Durban and South Africa are very well advertised elsewhere in this *ICNDT Journal* and on the SAINT conference website: www.wcndt2012.org.za. There you will find the First Announcement and the Sponsorship Prospectus. Online registration opens soon.

So NOW is the time to make your plans! See you in Durban!

Dr J M Farley
Chairman, ICNDT



Call for Nominations for ICNDT Awards for 18th WCNDT 2012

At each World Conference, ICNDT presents awards to people and organisations that have made major contributions to NDT.

The winners are chosen by secret ballot of the members of the ICNDT Policy and General Purposes Committee, from nominations submitted by member societies. We are announcing the call for nominations in good time to allow our members time to make their own choice of candidates.

There are five awards:

- **Roentgen Award** for major contribution to the science and technology of NDT
- **Pawłowski Award** for major contribution to the promotion of NDT internationally
- **Havercroft Award** for major contribution to NDT education, training or certification
- **Sokolov Award** for major contribution to NDT research
- **ICNDT Young Achiever Award** for achievement of young people in NDT (<35 years)

The rules for the awards are set out in Operating Procedure OP4, which can be found on the website www.icndt.org. Nominations should be sent to Corinne Mackle (corinne.mackle@bindt.org) by 31 July 2011.

The winners in 2008 were:

- **Roentgen:** Professor Vladimir L Chakhlov
- **Runners up:** 1. CIVA – the NDT simulation software; 2. V Vengrinovich and V Artemjev
- **Pawłowski:** Anthony Sonneveld and Gerhard Aufricht
- **Runner up:** Xu Yongchang
- **Havercroft:** Z S Nikiforova, S A Popoudina, S I Zinovjeva and V V Levkovich
- **Runner up:** Nadezhda P Biryukova
- **Sokolov:** Rong S Geng
- **Runner up:** Eduard S Gorkunov
- **Young Achiever:** Andrey Evgenievich



ICNDT Journal



Publisher: The International Committee for Non-Destructive Testing (ICNDT)
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**Your new ICNDT
 Journal is available
 for downloading from
www.icndt.org**

Published three times per year.

Editorial contributions are welcomed.

Articles should be sent to Sharon Bond, CINDE. Email: s.bond@cinde.ca

Views expressed in this publication are not necessarily those of the International Committee for Non-Destructive Testing. No liability is accepted whatsoever for errors or omissions.

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The next ICNDT Journal will be published in June 2011

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

Future ICNDT Committee Meetings

Executive

Fri 4 Mar 2011: Teleconference

Apr 2012: at WCNDT, Durban,
South Africa

General Assembly

Apr 2012: at WCNDT, Durban,
South Africa

PGP

Sat 1 Oct 2011: Cancún

Apr 2012: at WCNDT, Durban,
South Africa

Working Group 1

Sun 2 Oct 2011: Cancún

Apr 2012: at WCNDT, Durban,
South Africa

Harmonisation of EN 473 and ISO 9712

It has been announced that a joint meeting of CEN/TC138/AHG9 *Harmonisation of certification standards*, ISO/TC135/SC7/WG2 *Revision of ISO 9712* and ISO/TC135/WG3 *Harmonisation of certification standards* is to be held in conjunction with the Fifth Pan-American Conference on NDT (V COPAEND), which is taking place in Cancún, Mexico, from 2-6 October 2011.

With the aim of realising a completely harmonised standard combining EN 473 and ISO 9712, the objective of the joint meeting is to review the comments that may be expressed during the parallel voting procedure (DIS enquiry in ISO and CEN enquiry in Europe), which was launched on 17 February and will finish on 17 July, subsequent to the approval of the NWI in CEN and the CD approval in ISO, and to finalise an FDIS/FprEN document for EN ISO 9712.

The respective Chairmen, P Fallouey (CEN/TC138), R Robichaud (ISO/TC135/SC7) and H Hatano (ISO/TC135), point out that this "should be, of course, at the discretion of the CEN and ISO voting members, and we are in the hope that every vote will be approved."

Plans are for a two-day meeting to be arranged during the course of the Cancún Conference and exact dates and agenda of the joint meeting will be announced soon.

It is vital that all concerned fully understand the importance of the process for the benefit of the industry and NDT community and to

support the common goal of moving quickly to the harmonised standard.

Comments and proposals for amendment of the draft are required to be made at the national level, these being submitted through respective standards organisations to the Joint Working Group.

For example, the British Standards Institute (BSI) Panel, WEE/46/-/4 (Steering Committee on NDT Personnel Certification), will review any UK comments submitted to BSI before 17 July 2011. Other standards organisations will have similar timescales.

The progress achieved so far in the quest to provide industry with a single harmonised standard is the result of intensive work and effort undertaken by the working groups and, in particular, the detailed proposal prepared by Patrick Fallouey, Chairman of CEN/TC138.

At the conclusion of a workshop at the 17th WCNDT in Shanghai in October 2008, representatives of more than 50 countries called on the committees responsible for EN 473 and ISO 9712 to establish a harmonised standard and it is pleasing to see the progress being made. It is hoped that the end result of the important meetings which will take place in Cancún will represent a great success for the work many committee members have put in over two years and a significant milestone for all parties involved with NDT personnel qualification and certification.

News of ICNDT people

Dr Baldev Raj, Director of IGCAR and Honorary Member of ICNDT, has been elected President, Indian National Academy of Engineering (INAE).



Dr Mike Farley, Chairman of ICNDT, has been appointed a Visiting Professor at the University of Strathclyde.



Visit
www.icndt.org
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 downloads and more

AFRICA



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**



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The Conference Company, South Africa
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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

Congratulations to Tan Sri Datuk Dr Ahmad Tajuddin Hj Ali

MSNT would like to take this opportunity to congratulate former MSNT President, Tan Sri Datuk Dr Ahmad Tajuddin Hj Ali on his appointment as the President of the Academy of Science, Malaysia, for 2011-2013.

We are very proud of his achievement and this reminds us of the days of his excellent presidency that ran from 1986 to 1998. To this date, Tan Sri is the only individual that has been awarded Honorary Member of MSNT for his excellent contribution to our Society.

We strongly believe that under his unique leadership, the Academy will be able to play its role more effectively in making science and technology the most important contributor to the advancement of our nation.

NDT in ICEM 2010, 29 November to 1 December at the Legend Kuala Lumpur

MSNT is very proud to have been able to play its role in advancing science and technology in this country by organising a prestigious International Conference for Experimental Mechanics 2010 (ICEM 2010) in Kuala Lumpur from 29 November to 1 December 2010. The conference was organised jointly with the Malaysian Association of Research Scientists and attracted scientists and technologists from more than 28 countries.



Honourable Minister of Science, Technology and Innovation (MOSTI) visiting one of the exhibition booths during ICEM 2010

In this conference, more than 35 papers relating to NDT and imaging were presented by renowned experts in this field. Two special guests, Professor Xavier Maldaque of Canada and Professor Vavilov of Russia, were invited as guest lecturers in the areas of digital industrial radiography and infrared thermography, respectively.



Participants attending ICEM 2010 in Kuala Lumpur

Joint field test on GammaScorpion at Felda Serting Hilir Palm Oil Plantation

On 19-22 October 2010, a joint field test between Felda Agricultural Sdn Bhd (FASSB) and Plant Assessment Technology (PAT), the Industrial Technology Division of Nuclear Malaysia, was conducted at Felda Serting Hilir Palm Oil Plantation, Negeri Sembilan.



GammaScorpion being tested at Felda Serting, Negri Sembilan

GammaScorpion technology was test-run in real field conditions for basal stem rot (BSR) detection of oil palms. A comparison between conventional techniques (3-point drilling) used by FASSBS and the non-invasive GammaScorpion technique has been justified. The scanning process successfully provided a good image result of BSR in the affected oil palm trees. Overall, both parties were satisfied with the processes and result achieved.



Explanation by Dr Jaafar during the scanning process

The next joint test will be planned to explore more challenges for the GammaScorpion technology in the field.

NDT for nuclear power plant inspection

Malaysia is entering into era of nuclear power. It is a very well known fact that NDT will become one of the most crucial elements in ensuring the safety of nuclear plant operation. Realising this, an effort has been made by the Malaysian Nuclear Agency to expose its NDT experts to this subject by organising a week-long training course entitled: Introduction to NDT for Nuclear Reactor Inspection. The course was conducted by two experts from Croatia, Dr Berislav Nadinic and Dr Mato Citanovic of HRID. It took place between 6-10 December and more than 15 individuals participated. Areas such as new equipment and technology for nuclear plant inspection, QA and QC related to NDT for nuclear plant inspection, qualification and certification of NDT personnel and many others were covered during this course.

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



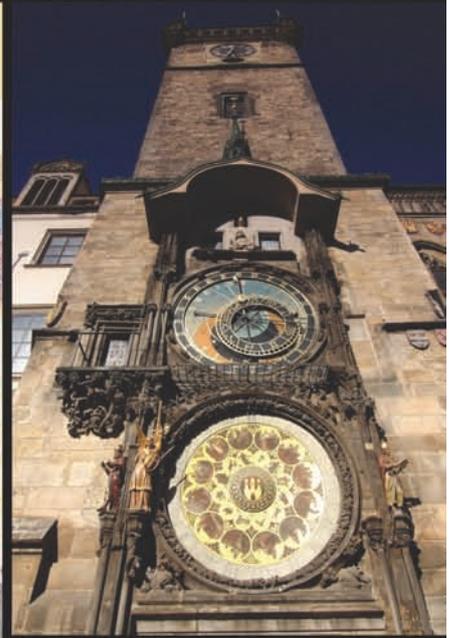
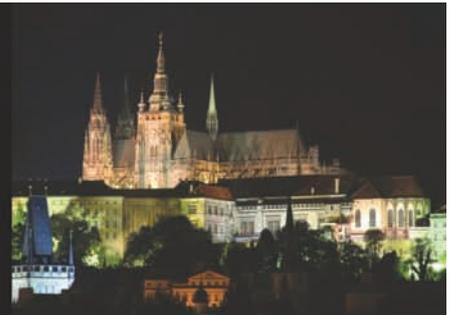
Czech Society
for NDT



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

11th European Conference on Non-Destructive Testing

www.ecndt2014.com



PAN-AMERICA

News from The American Society for NDT

ASNT Fall Conference and Quality Testing Show 2010 a success

Houston, Texas, USA, was the home of the 2010 ASNT Fall Conference and Quality Testing Show, held 15-19 November 2010. The ASNT annual event allows non-destructive testing (NDT) professionals from around the globe to take part in an energetic and informative week of activities. This year's conference had 1777 registered participants, representing a diverse group of the NDT methods and techniques. The exceptional professional programme featured 115 papers presented in 33 different sessions. The presented papers represented a variety of NDT techniques and applications and provided participants with some of the most up-to-date information in the NDT industry. The Quality Testing Show, with 153 exhibitors participating, also gave attendees some of the latest NDT information and technology. Short courses, lectures and committee meetings rounded out the week, offering participants a wide range of activities throughout the conference.



Hands-on demonstrations at the Olympus exhibition booth

ASNT award winners for 2010 were recognised at the Annual Awards Banquet on Wednesday evening, where members of the ASNT and NDT community were recognised for their contributions to the industry and recipients of grants and fellowships from the academic and research community were acknowledged. The Banquet also saw the ceremonial changing of the presidential collar take place, with the installation of the 2010-2011 ASNT President, Ricky Morgan.



Then ASNT President Joel Whitaker cuts the ribbon to open the 2010 Quality Testing Show, ably assisted by Claudia Kropas-Hughes and Ricky Morgan (left)

A taste of the week's sessions included Tuesday morning's keynote address, 'Achieving Success in the Global Society', delivered by James A Thomas, President of ASTM International. Thomas focused on how societies can relate to members while still functioning successfully in terms of technology and international affairs. On Wednesday, the plenary address given by Michael P Serabian of PQNDT Inc was a live webinar. Serabian's address focused on the salary trends within the NDT industry over the past year. The recorded webinar can be watched at http://www.asnt.org/events/conferences/fc10/webcast_replay.htm. On Thursday, 2010-2011 ASNT Chair Joel W Whitaker spoke to conference attendees about NDT challenges in the nuclear industry today and tomorrow. These presentations were each very well received.



Ricky Morgan (left) presents Host Committee co-Chair Deal Moore with an award while Wayne Holliday looks on



The high number of registered participants ensured all lecture rooms were packed out



ASNT Chair Jocelyn Langlois (left) presents Programme Chair Claudia Kropas-Hughes with an achievement award

Be part of ASNT's 2011 Fall Conference and Quality Testing Show

Start your planning now to be part of the professional programme at ASNT's 2011 Fall Conference by submitting an abstract for consideration by 15 April 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. Prospective authors are requested to submit abstracts of approximately 200 words on all NDT methods. 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 at jgiunta@asnt.org or by phone at +800 222 2768 ext 213.

Abstracts pertaining to the following topics are requested as they relate to industry, applications, processes or materials: automotive, aerospace, chemical and petroleum, composites, digital radiography, eddy current, emerging technologies, general NDT/NDE, ground penetrating radar, health monitoring, homeland security, infrastructure, laser methods, manufacturing, modelling and simulation, MT/PT education and training issues, phased array, pipeline inspection, radiation safety, reliability studies, sensors, utilities and wind energy.

Each year ASNT receives numerous abstracts that aren't placed in the programme due to late submissions. Don't delay. Join the Society in Palm Springs; submit your abstract today!

It may not be too late to attend ASNT's 20th Annual Research Symposium & Spring Conference

If it's not past 21 March 2011, you may still have time to register and book your tickets to attend the event, billed as an Exceptional Symposium in an Extraordinary Place. This, ASNT's 20th Annual Research Symposium, is taking place in beautiful San Francisco, California, on 21-25 March. For full programme information and to register, visit <http://www.asnt.org/events/events.htm> or contact conferences@asnt.org

ASNT launches NDT Level II certification programme

Designed for NDT personnel whose jobs require certification in particular methods, the Society has introduced the ASNT NDT Level II certification programme. The programme was developed to provide standardised Level II written examinations that employers may use to satisfy the General and Specific examination guidelines of Recommended Practice No SNT-TC-1A. Employers can then complete the certification process by administering their own job-specific practical examinations.

Successful ASNT NDT Level II certification candidates must complete the General examination and at least one Specific examination. The examinations are offered in magnetic particle testing (MT), liquid penetrant testing (PT), visual testing (VT), radiographic testing (RT) or ultrasonic testing (UT) methods. The General examination in each method addresses fundamentals, principles and theory found in the applicable Level II topical outlines found in the ANSI/ASNT American National Standard CP-105, ASNT Standard Topical Outlines for Qualification of Nondestructive Testing Personnel. The Specific written examinations are based on an NDT procedure covering the equipment, operating processes and NDT techniques that a Level II might encounter while performing NDT tasks in the applicable industry sector. The two industry sectors offered are General Industry and Pressure Equipment. These NDT procedures were developed by ASNT NDT Level IIIs who work in

the applicable industry sector and are based on codes, standards and specifications commonly used in that sector.

Employers should review the ASNT NDT Level II programme document to determine whether or not these examinations meet the requirements of their company's written practice. Employers are responsible for administering the visual acuity, practical and any job-specific examinations required by their written practice to complete the certification process. To learn more about ASNT NDT Level II, see the programme details under the Certification tab on ASNT's website at www.asnt.org

February issue of *Materials Evaluation* includes informative articles on ASNT's position on NDT personnel certification and development of ASNT certification examinations

Should you want to know ASNT's position on NDT personnel certification, then it is recommended that a reading of the Position Paper, approved by ASNT's Board of Directors and published on page 154 of the February 2011 issue, is a must. The article clearly explains the Society's position.

The other article of significant interest in the February issue covers ASNT certification examinations. The piece begins: 'Recently, ASNT has received enquiries from several people regarding the ASNT NDT Level III examinations. These enquiries indicate that there may be a general misunderstanding of how the ASNT NDT Level III examinations are generated and graded. This article will clarify these issues for the users of the ASNT NDT Level III certification programme'. See pages 155 and 156 for the full text to gain a better understanding of how ASNT generates and grades this certification examination.

8th Regional Conference and Exhibition on NDT

VIII CORENDE

10-12 August 2011

Tenaris Academy Building
Campana, Buenos Aires, Argentina

The Argentine Society of Structural and NDT (AAENDE) is pleased to invite you to participate in the 8th Regional Conference and Exhibition on NDT (VIII CORENDE).

The 8th CORENDE will offer an opportunity for managers, engineers, technicians, inspectors and researchers to exchange experience in the theoretical and practical fields of non-destructive testing (NDT), structural integrity of equipment, welding, qualification and certification of personnel and quality control.

The Conference will also include an Exhibition Hall where companies will be able to promote their products and services, while visitors will have a unique opportunity to access the latest technologies, make new contacts, meet industry colleagues, keep up-to-date and see hands-on demonstrations.

Further information regarding this event can be found at:

www.aaende.org.ar

If you have any questions regarding this event, please do not hesitate to contact us at corende8@aaende.org.ar, we will be more than pleased to assist you.

CALENDAR OF NDT EVENTS

Month	Date	Venue	Event	Contact
March 2011	21-25	San Francisco USA	20th ASNT Annual Research Symposium and Spring Conference	conferences@asnt.org www.asnt.org
April 2011	13-15	Florence Italy	10th International Conference on Non-Destructive Investigations and Microanalysis for the Diagnostics and Conservation of Cultural and Environmental Heritage – art '11	segreteria@aipnd.it www.aipnd.it/art2011
May 2011	10-13	Pernambuco Brazil	24th Brazilian National Congress on Non-Destructive Testing and Inspection	eventos@abendi.org.br
	19-20	Manchester UK	11th International Conference on Engineering Structural Integrity Assessment – ESIA11	poul.gosney@fesi.org.uk www.fesi.org.uk
June 2011	13-14	Valencia Spain	CERTIFICATION 2011 – the 6th International Conference on Certification and Standardisation in NDT	informacion@aend.org www.aend.org
	15-17	Valencia Spain	12th National Congress of the Spanish Society for NDT (AEND)	informacion@aend.org www.aend.org
	19-24	Blacksburg Virginia, USA	12th International Symposium on Non-Destructive Characterisation of Materials	jcduke@vt.edu
July 2011	11-13	Oxford UK	9th International Conference on Damage Assessment of Structures – DAMAS 2011	conferences@iop.org www.damas2011.org
September 2011	7-9	Edinburgh UK	International Conference on Advances in Experimental Mechanics: Integrating Simulation and Experimentation for Validation (ISEV)	johnedwards@bssm.org www.bssm.org/conf2011
	13-15	Telford UK	Materials Testing 2011 Exhibition and NDT 2011 Annual British Conference on NDT	cindy.bailey@bindt.org www.bindt.org
October 2011	2-6	Cancún Mexico	5th Pan-American Conference for Non-Destructive Testing	info@copaend5.com www.copaend5.com
November 2011	9-11	Ostrava Czech Republic	Defektoskopie 2011 – 41st International Conference and Exhibition	cndt@cndt.cz www.cndt.cz
April 2012	18-20	Durban South Africa	18th World Conference on NDT	saint@acenet.co.za www.saint.org.za