



The World Organisation for NDT

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Volume 8 Issue No 1

March 2009

CHAIRMAN'S MESSAGE

What can you do to promote NDT in your country?



It is a pleasure to write this as the new Chairman of ICNDT, elected to serve you – the World NDT community – for four years from 2008 to 2012.

Our objective is to promote the science and practice of NDT globally, for the benefit of mankind. We should never forget the importance of our work in NDT. NDT, including all the associated diagnostic technologies, saves lives, protects the environment, and benefits the economy.

ICNDT is the international committee of NDT Societies, with approaching 50 members. The full committee meets every two years. Thirty-one Societies were present at the meetings in Shanghai.

ICNDT is now established as a legal entity, a non-profit company registered in Vienna. So we can have a bank account and with some funds can take on more activities. Donations are welcome!

All of the work of ICNDT is done by volunteers, supported by their own companies, and by national NDT Societies. I am personally grateful for the support of my company, Doosan Babcock Energy Limited, and The British Institute of NDT.

ICNDT has had tremendous support over the last four years from:

- CINDE – Secretariat
- BINDT – ICNDT Journal
- DGZfP – Website

and previously from the Italian Society. I would like to acknowledge the work of Douglas Marshall, Chairman 2004-08, and Giuseppe Nardoni, Chairman 2000-04.

I would like to stress the importance of the national NDT Societies working in local languages or the local environment, with members from Student to Professor, from Level 1 to Managing Director, with companies which supply equipment and services, and companies which are major users of NDT. I urge you to support your national societies. Please ask yourself "What can I do to promote NDT in my country?" and go out and do it.

The 17th World Conference in Shanghai was a great success. The Chinese Society was selected to organise the conference eight years ago and planning began in earnest in 2004. The conference was the culmination of many man-years and lady-years of work. On behalf of ICNDT, I congratulate the Chinese Society on the 17th WCNDT and thank them all for their tireless work, particularly to overcome the difficulties, outside their control, of the necessary re-timing of the conference. Highlights for me were:

- Shanghai – a vibrant, modern, high-tech city;
- The friendly Chinese people;
- The magnificent exhibition, with both a large international participation (124 companies) and an impressive number of Chinese companies (78);
- More than 3,000 visitors on the first day alone;
- The giant banquet;
- The wonderful Orchestral Concert – titled 'The Sound of Testing' – which brought a new meaning to Ultra-Sound – it was a wonderful event.

Beijing had a highly successful Olympic Games. Shanghai has had a highly successful 'Olympics of NDT'. As well as thanking the organisers, I would like to thank the Sponsors and Exhibitors, whose financial contributions allow such events to happen. Thank you all.

In the next four years, ICNDT will:

- Build on its new legal status;
- Establish a sustainable financial model;
- Produce a strategic action plan and develop new initiatives in Certification, Research, Education and promotion of NDT.

Dr J M Farley
Chairman, ICNDT



ICNDT Journal



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No liability is accepted whatsoever for errors or omissions.

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The next ICNDT Journal will be published in June 2009

Material should be sent to Sharon Bond, e-mail: s.bond@cinde.ca by 30 April 2009

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

Future ICNDT Committee Meetings

Executive

14 March 2009 10h00-16h00
St Louis, Missouri, USA

PGP

8 November 2009
Yokohama, Japan

2011

Cancun, Mexico

General Assembly

2010

Moscow, Russia

2012

Durban, South Africa

Brief report of a Workshop on Harmonisation of third-party NDT Personnel Certification to ISO 9712 and aligned standards, 17th WCNDT, Shanghai – Monday 27 October 2008

The workshop, which was led by an international panel of experts, chaired by Dr Mike Farley and attended by 37 representatives from 20 countries, was intended to collate and deliver the NDT community's recommendations to Standards Committees and Certification Bodies.

The agenda for the meeting, which provoked a large number of questions and passionate discussion, included the following items:

1. What do industry, regulators and NDT personnel need from third-party certification schemes?
2. What are the key differences between ISO 9712 and CP 106, and ISO 9712 and EN 473? Why do they exist? Are they really important?
3. How can these differences be resolved? By choosing a preferred alternative, by compromise, or by allowing options?
4. Recommendations.

Under the last item, the following were agreed:

It was noted that the out-of-sequence review of the two third-party standards leads them to differ. ISO 9712 is due for review again next year, and ISO and



The Workshop on Harmonisation of third-party NDT Personnel Certification to ISO 9712 and aligned standards was attended by 37 representatives from 20 countries



The panel of experts leading the Workshop included (left to right) Ron Nisbet, Dave Barnett, John Thompson and Mike Farley

CEN should consider a joint review process.

It was also noted that TC 135, in response to a TC 138 proposal, is discussing the possibility of a joint WG and will ask for a vote of TC 135 members on the formation of such a WG. A show of hands confirmed 33 representatives present in support of this proposal.

A Canadian delegate stated that there are no irreconcilable differences between TC 135/TC 138 – ISO 9712/EN 473. He suggested the submission of EN 473 to TC 135 as a draft for the next ISO 9712 (4th edition).

It was proposed to submit these comments and proposals to TC 135 and TC 138 chairman, recognising that the reason for the continued existence of EN 473 is related to regulations that embody it as a harmonised standard.

The workshop chairman concluded with a summary of the views to be expressed to the chairs of 135/138, and agreed to discuss within ICNDT the proposal for appointment of neutral chairman of the WG proposed for harmonisation of ISO 9712 with EN 473.

For further background and details, visit www.icndt.org

The 17th World Conference on Non-Destructive Testing, Shanghai, China, October 2008

Having been forced to re-schedule the 17th World Conference on Non-Destructive Testing (17th WCNDT) from its originally planned dates in August until the end of October, due to the devastating effects resulting from the earthquake in Sichuan Province, the Chinese Society for NDT did a wonderful job and the conference was a huge success.

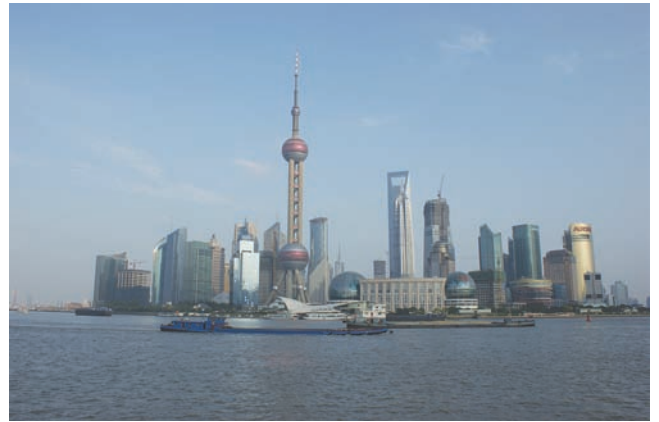
Following the earthquake in Sichuan, which caused severe disruption to transport, telecommunication and infrastructure in not just the area around the epicentre but much wider afield, the Chinese government directed that all international conferences and major events within a certain time period of the Olympic Games should be re-scheduled to other suitable dates. The mandate would have made the process of acquiring visas within that time frame extremely difficult. Hence, the organising committee had no alternative but to put back the 17th WCNDT until October.

A total of 764 delegates registered for the conference, including 530 from 50 different countries. Very few cancelled due to the re-scheduling. There were 490 papers presented. More than 200 of these were on the subject of ultrasonic testing, 85 on eddy current and 65 on radiography. The papers were presented by authors from 38 different countries with China topping the list with 176 papers. Second was Russia with 46 followed by Germany (43) and the UK (30).

More than 200 companies took part in the exhibition, including 124 from outside China. The show was extremely busy, with more than 3000 visitors attending on the first day alone.

In his opening address, Dr Rong S Geng, President of the 17th WCNDT, extended his warmest gratitude to all participants and said in the circumstances how happy he was to see the strong support from NDT colleagues around the world. "We are family," he said, and continued: "Non-destructive testing is undoubtedly one of the most rapidly developing and progressive professions in China, and also is one of the most demanding markets and commercial opportunities... our profession is so important for every person and in every sector of daily life as it relates to human life and public safety. It is due to our NDT efforts that the world becomes safer and many lives are saved in every day.

"It is because of the open door policy and free market oriented economy that China has achieved fast growing economy for decades," said Dr Geng. "It is also due to that policy that the NDT in China is developing rapidly and is also leaving huge space for future development. We fully understand that an international conference on non-destructive testing can bring us together and give us an opportunity to meet old friends and make new ones. Most importantly, the conference provides a good chance for us to exchange ideas that help all of us to do our job better in the future and to improve relations between different NDT societies and communities."



Shanghai's Pudong skyline. Since the World Conference, construction has commenced on China's tallest building, the 632 m Shanghai Tower, due for completion in 2014

As well as statements from the 17th World Conference Chairman Dr Shen Jianzhong, Chairman of the Organising Committee Professor Cai Anding and Chairman of the Technical Committee Dr Shen Gongtian, the Opening Ceremony featured a welcome from ICNDT Chairman Mr Doug Marshall, several gift presentations from sister societies and organisations and a brief talk by Professor Riccardo Giacconi, winner of the Nobel Prize for Physics 2002.

The Opening Ceremony was followed by Keynote Addresses by Douglas Marshall, Gongtian Shen and Dr Baldev Raj. The conference then split up into its considerable number of parallel sessions of technical presentations.

Several important meetings, workshops and other events were held in conjunction with the conference, including meetings of the ICNDT Executive and Policy & General Purposes Committees, two



Then ICNDT Chairman Douglas J Marshall presents a keynote at the opening ceremony



Dignitaries at the Opening Ceremony



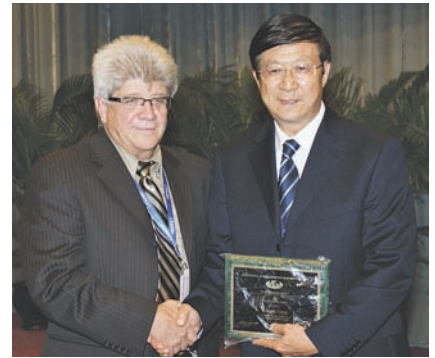
ICNDT General Assembly members (32nd meeting)

ICNDT General Assemblies (the second of which resulted in Germany being awarded the 2016 World Conference), ISO meetings, a Special Lecture Meeting of the Academia NDT International and a workshop on certification.

Social events included a Welcome Reception/Dinner at the Shanghai International Convention Centre, catering for more than 1000 people at 100 tables, each one visited in person by the Conference President and supporting group; and a wonderful concert, 'The Sound of Testing', by the Shanghai Chinese Orchestra at the Oriental Arts Centre.

The orchestra played a selection of Chinese and international pieces (including Greensleeves) on traditional Chinese instruments in an evening that mesmerised conference delegates into relaxation!

At the closing ceremony on 28 October Dr Rong Geng reviewed the successful conference and thanked all for their participation. Dr Mike Farley was officially appointed Chairman of ICNDT and presentations were made by the organisers of the next European Conference in Moscow in 2010, the Asia-Pacific conference being held in Yokohama, Japan in November this year and the next World Conference to be held 16-20 April 2012 in Durban, Republic of South Africa.



17th World Conference President Dr Rong S Geng was awarded the ICNDT Sokolov Award for his major contribution to NDT research



Mr Gerhard Aufricht (right) receives the Pawlowski Award from Douglas Marshall

For more pictures visit www.icndt.org and click on 'Photo Gallery'.

ICNDT Awards

The following awards were presented at the opening ceremony of the World Conference in Shanghai.

Each award is in the form of a framed certificate carrying the ICNDT logo and includes the name of the award, the name(s) of the recipient(s) and the date.

Pawlowski Award – for major contribution to promotion of NDT internationally

Award winners: Gerhard Aufricht (Austria) and Anthony Sonneveld (Australia).

Other nominees: Xu Yongchang (China).

Roentgen Award – for major contribution to science and technology of NDT

Award winner: Prof Vladimir L Chakhlov (Russia).

Other nominees: CIVA, the NDT simulation software (France), Drs V Vengrinovich and V Artemjev (Belarus).

Havercroft Award – for major contribution to NDT education, training and certification

Award winner: Zemfira S Nikiforova, Svetlana A Popoudina, Svetlana I Zinovjeva, Vera V Levkovich (Belarus).

Other nominees: Dr Biryukova Nadezhda Petrovna (Russia).

Sokolov Award – for major contribution to NDT research

Award winner: Rong S Geng (China).

Other nominees: Gorkunov Eduard Stepanovich (Russia).

Young Achiever Award – for achievement of young people in NDT

Award winner: Audrey Evgenievich Bazulin



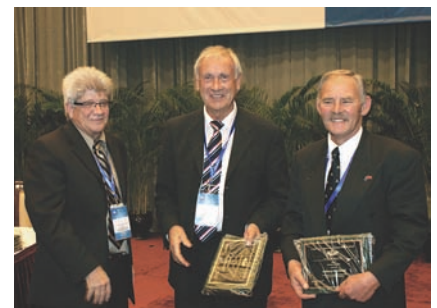
PGP committee members in Shanghai



Giuseppe Nardoni enthuses about the new ICNDT Guidelines and Recommendations for Qualification and Certification of NDT Personnel



Dr Mike Farley presents a plaque to Dr Shen Jianzhong on behalf of EFNDT



Doug Marshall presents Honorary Membership plaques to Dr Rainer Link (centre) and Tony Sonneveld (right)

New ICNDT Officers

Ratified by the 33rd General Assembly of International Committee for NDT, 27 October 2008, Shanghai, China.

Chairman: M J Farley

General Secretary: D Barnett

World Conference President:

M Johannes

Secretariat:

The British Institute of NDT

Society to hold fund:

The Austrian Society for NDT

Members appointed to PGP:

M Purschke, W Holliday

Regional Representatives

(nominated by Regional Groups):

V Krstelj, E Romero (Europe)

W Holliday, J Conte (Pan American)

L Dick, M Ooka (Asia Pacific)

F Herelli, K Danso (Africa)

Treasurer: G Aufricht

Trustee of ICNDT funds: M Purschke

Chairman of the Membership WG:

J Conte (prop DM)

Congratulations also to two new

Honorary Members of ICNDT:

R Link and T Sonneveld

18th World Conference on Non-Destructive Testing



16-20 April 2012

Durban

Republic of South Africa



For further information contact:

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PO Box 76068, Lynnwood Ridge, 0040, Republic of South Africa.
Tel: +27 11 719-5717; Tel (messages): +27 12 807-3829; Fax: +27 12 807-3829; Email: saint@acenet.co.za; Web: <http://www.saint.org.za>

ASIA-PACIFIC

News from the Malaysian Society for NDT (MSNT)

Malaysian International NDT Conference and Exhibition 09 (MINDTCE 09)

With six more months to go, the organising committee for MINDTCE 09 begins to receive a lot of enquiries from local as well as international members of NDT communities. The event this time is rather unique. For the first time ever, the Society has organised the conference of this kind together with our biggest oil producer PETRONAS.

This clearly shows that PETRONAS has a special interest to advance NDT technology. PETRONAS signals to all of us, members of Malaysian Society for NDT, that this technology is so important to our industry. If PETRONAS is willing to support us, then it is the responsibility of all of us MSNT members to prove to our partner that we truly appreciate this support. Let us mark this date, 20th-21st July 2009, at the Legend Hotel Kuala Lumpur. A registration form will be included in our second announcement that will be released soon.

Meeting on preparation to accreditation of NCB

A special meeting to discuss the plan for accreditation of the National Certification Body for NDT has been organised by the Department of Skill Development (DSD), Ministry of Human Resources on 12th December 2008.

The meeting was held in Putrajaya and attended by representatives from the Malaysian Society for NDT, Malaysia Nuclear Agency, SIRIM and PETRONAS.



Meeting on accreditation, from left: representative from PETRONAS, MSNT Vice President, MSNT President, Director of Certification DSD

During this meeting, Mrs Salbiah of DSD presented a short briefing on the result of her IAEA sponsored visit to the Australian Institute for NDT under the supervision of Mr David Barnett. This meeting also agreed that two special workshops on the subject of ISO 17024 will be organised by DSD where, in one of them, an international expert will be invited to give his guidance and opinion on steps to be taken towards accreditation to 17024.

Visit by Professor from King Abdul Aziz University, Saudi Arabia

Two visitors from the Department of Nuclear Engineering, King Abdul Aziz University, Kingdom of Saudi Arabia, Prof Al Johani and Dr Sehata have visited Nuclear Malaysia from 13-16 December 2008. The main objective of their presence here was to visit the first made in Malaysia Computed Tomography facility which was just built and completed by a group of scientists and engineers in Nuclear Malaysia. In addition to this, both visitors have also visited Digital Radiography and other facilities in Nuclear Malaysia. At the end of their visit, both of them expressed their appreciation on the achievement made by local researchers. Prof Al Johani indicated

that experts in areas of process tomography and non-destructive testing would be invited to Saudi to assist him in modernising facilities in his department.



Dr Jaafar Abdullah (second from left) presented the computed tomography system to the Director General of Nuclear Malaysia, Prof Al Johani and Dr Sehata

Malaysian expert in Sudan

The Government of Sudan through the Sudanese Atomic Energy Commission (SAEC) invited the MSNT Malaysian Society for Non-Destructive Testing President to deliver a series of lectures and demonstrations during the National Training Course on NDT in Civil Engineering. The course took place on 22nd to 26th December 2008 at SAEC and was attended by 29 participants from construction industries and universities. Before his departure back to Malaysia, the MSNT President was also met by the President of Sudanese Non-destructive Testing Society. In this short meeting it was agreed that a formal agreement between Malaysian and Sudanese Societies for NDT is necessary and should be established as soon as possible for the benefit of NDT communities of both countries.



Participants attending the National Training Course on NDT for Civil Engineering, Khartoum, Sudan

Malaysian Society for Non Destructive Testing (MSNT), Industrial Technology Division (BTI), Malaysian Nuclear Agency (Nuclear Malaysia), Bangi, 43000 Kajang, Selangor.

Tel: 03-89250510; Fax: 03-89250907; Email: nassir@nuclearmalaysia.gov.my

Report from Asian Regional ALARA Network (ARAN)

The National Institute of Radiological Sciences in Chiba City Japan, just to the north of Tokyo, hosted the First Workshop of the Asian Regional ALARA Network (ARAN). ALARA being the acronym for the radiation protection concept of 'as low as reasonably achievable'. The workshop was entitled 'Improving Radiation Protection in Industrial Radiography', and was held on 5-7 November 2008. Sponsored by the International Atomic Energy Agency (IAEA), it resulted from an earlier steering group meeting in Korea where it was agreed to establish a regional co-operative ALARA network under an IAEA/RCA occupational radiation protection project, similar to ones successfully operated by European and more recently Eastern European countries. A report of the Korean meeting and other ARAN information can be found at <http://kisoe.kins.re.kr/>. The project aims to improve the standard of radiation protection through ARAN initiatives which are to:

1. Establish a network
2. Make it self-supporting
3. Foster mutual understanding among members
4. Share radiation protection information

As an organisation of the United Nations, the IAEA is active in a wide range of occupational radiation protection activities. It has published a series of safety standards and guideline documents for the transport, handling and application of radiation practices. The IAEA promotes the adoption of these standards by member states to bring a uniformity to the minimum requirements for occupational radiation protection.

ARAN is interested in all fields of radiation protection, but at this, its inaugural workshop, it selected industrial radiography as an application where improvement to radiation safety had significant potential, and how such a network could achieve ALARA through practical and achievable means. The Australasian Radiation Protection Society sponsored an Australian representative with radiation protection and industrial radiography expertise to give a keynote presentation at this meeting. Also from Australia was David Woods from ANSTO who is the past project chairman of ARAN, and Keith Baldry the Director of Radiation Protection in South Australia, who is Australia's official representative on ARAN.

Japan was a most suitable location for this meeting. As an active user of radioactive materials, it has about fifty nuclear power plants throughout the country, and an industrial radiography industry of over one hundred NDT companies operating nine hundred radiation devices. The Asian region itself is believed to have between 21,000 to 25,000 workers involved in industrial radiography. It is therefore relevant that Mr Kazuo Sakai from Japan held the chairmanship of ARAN, with Mr Won-Chul Choi from Korea as his deputy.

The meeting format allowed for each represented country to give a short presentation on aspects of their radiation protection programmes, experience of radiation accidents, radiation protection regulatory structure, training and initiatives. Additionally, the IAEA gave reports of its radiation protection activities, lost or 'orphan' radioactive sources, radiation accidents, and the categorisation of radioactive sources. It was clear that each country had similar aspirations to improve occupational radiation protection generally, and to avoid those accidents and incidents which could lead to excessive acute radiation exposure. While almost none of the participants were engaged in NDT, everyone involved in the workshop knew exactly what NDT was.

Radiation safety training for industrial radiographers was one of the most significant issues for most participants. Causes of past accidents and incidents in their countries could often be traceable in part or in total to the absence or inadequacy of radiation safety training. The ongoing theft of source containers, in the belief that



All thirty-one participants of the ARAN meeting plus the director of the Japanese National Institute of Radiological Sciences, Yoshiharu Yonekura. David Woods is at the right end of the front row and Dr Sakai at the left

they are harmless and have resale or scrap value, indicates that any radiation safety training should be extended to include an awareness of the nature and use of radioactive sources to other affected workers outside the industrial radiographers. This itself was a challenging objective.

The afternoons were devoted to separate working groups. Each of four WGs was given a range of related topics to explore by bringing the collective experience and ideas of the members to brainstorm problem solving initiatives. The subjects for these groups were:

1. Exposure trends – ALARA – individual monitoring.
2. Incidents and accidents reported in industrial radiography – how to mitigate.
3. Regulatory inspections and enforcements in industrial radiography.
4. Training in industrial radiography.

The workshop discussions were open and constructive. Each group reached consensual conclusions aiming at the harmonisation of good practices, the reduction of accidents and incidents and the optimisation of occupational exposures in normal operations. There is a need to improve the safety culture in the industrial radiography sector through harmonising training at the regional and national level while maintaining local relevance, organising dialogue between the stakeholders, improving inspections and favouring feedback exchanges. Some of the recommendations which came from working groups were:

- a. Improve the safety culture in the NDT industry through the preparation and adoption by the national regulator, in close relationship with the national NDT associations or societies, and when possible the major clients, codes of conduct for the NDT companies and for the clients. This could be undertaken as part of a broader initiative to improve the understanding between regulators and the NDT industry through more frequent dialogue.
- b. The IAEA could develop safety training and courses for industrial radiographers to complete the package from Quality Engineer and Radiation Protection Officer to qualified industrial radiography operator.
- c. Improve the consistency and efficiency of inspections and controls through a local programme of industrial radiography site inspections.
- d. ARAN could set up a method for collecting and sharing feedback, in a standard format, on incidents, accidents and near misses from the participating countries.
- e. The servicing and maintenance of radiography equipment should only be undertaken by those authorised by the Regulatory Body and trained by the manufacturer.

There may be an opportunity for the AINDT to contribute to these and other initiatives to enhance industrial radiography safety in Australia. The obstacles arising from variations between the requirements of the States are being progressively addressed through the national Radiation Health Committee. This committee is working towards a national framework for radiation protection in all its applications. A national organisation such as the AINDT would have a valuable role to play in facilitating the industrial radiography component of this work. A comprehensive report of the meeting and its outcomes is being finalised and will be shown on the Korean Institute of Nuclear Safety website <http://kisoe.kins.re.kr/>

9th International Conference & Exhibition on Operating Pressure Equipment

26-28 August 2009

Holiday Inn, Surfers Paradise, Queensland, Australia.

Incorporates the biennial conference of the Australian Institute for NDT.

Contact: Materials Australia, Suite 205, 21 Bedford Street, North Melbourne, Victoria 3051, Australia. Tel: +61 3 9326 7266; Fax: +61 2 9326 7272; E-mail: events@materialsaustralia.com.au; web: www.materialsaustralia.com/OPE09

APCNDT 2009 Call for Short Abstract

Those wishing to present papers at the 13th Asia-Pacific Conference on NDT should submit a short abstract to the conference website by 30 April 2009. The conference committee will notify acceptance of the abstract by 1 July 2009, by email. Accepted applicants must submit an extended abstract to the conference website between 1 July and 31 August 2009.

Short and extended abstracts must be submitted online at <http://www.apcndt2009.com>

All extended abstracts will be published in the conference handbook without peer review. All delegates will receive a copy of the handbook.

The 13th Asia-Pacific Conference on Non-Destructive Testing

8 – 13 November, 2009

Yokohama, Japan

Web: <http://www.apcndt2009.com>

Email: apcndt2009@jsndi.or.jp



APCNDT

The 2nd Workshop on NDT for enhancement of cooperation under the programme for the future plan in JSNDI, November 2008, Tokyo, Japan

The Japanese Society for Non-Destructive Inspection (JSNDI) has been planning contributions to Asia-Pacific societies for promoting NDT technologies from the twenty-first century downward. IAEA had been promoting NDT industrial application among the East Asian countries in the last century.

The future planning committee in JSNDI took up this matter, and planned to hold a workshop as one of its most important subjects for the purpose.

JSNDI held the first workshop on NDT for enhancement of cooperation with Asia-Pacific societies for three days at the JSNDI Office in Tokyo from 5 to 7 November 2007. A number of resolutions were adopted at the end of this workshop. The workshop was finished with great mutual understanding among the participating societies for the first time trial.



Picture of all participants at JSNDI meeting room B

The 2nd workshop on NDT with Asia-Pacific societies was held from 13 to 15 November 2008 with an aim of cooperation among Asia-Pacific societies. There were 17 participants from 13 societies attending this workshop, and the workshop of attendees were different from the first workshop.

Day 1, 2. Presentations from Participating Societies

The President of the JSNDI, Dr Masumi Saka, had an opening address, and the host chairman, Dr Norikazu Ooka, chaired the workshop.

Dr Yoshikazu Yokono had a presentation on JSNDI activities (qualification and certification, academic, education and standardisation). After the introduction of JSNDI, each representative had a twenty-minute presentation to introduce activities of present NDT technologies.

During the presentations, the participants mainly discussed the connection between ISO 9712 and qualification and certification systems being implemented in each society.



Picture of Stress Measurement training course

Day 3. Discussions on the Workshop

The workshop participants visited the National Museum of Emerging Science and Innovation (Miraikan) in the morning.

The workshop participants moved to the JSNDI Mizue Center, and toured its facilities, and observed JSNDI's Ultrasonic training course and Stress Measurement training course before the meeting. At the meeting, there were many issues discussed on the matter of training and certification of ISO 9712. All societies agreed to continue this workshop in the future, and finished agreeing to discuss this matter at APCNDT 2009.

At the end of the workshop, it was agreed that this workshop carried on to the next stage. The workshop was finished with great mutual understanding among the participating societies.

The Japanese Society for Non-Destructive Inspection (JSNDI), MBR99 Building, 67, Kanda-sakumagashi, Chiyoda-ku, Tokyo, 101-0026 Japan. Tel: +81-3-5821-5105; Fax: +81-3-3863-6524; Email: acd@jsndi.or.jp

1TH  **ECNDT**
Moscow 2010, June 7-11 



EF European Federation for
Non-Destructive Testing
NDT



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

10th European Conference and Exhibition on NDT

Deadline:

for abstracts submission June 1, 2009

for papers submission January 1, 2010

Home page: www.ecndt2010.ru

e-mail: info@ecndt2010.ru

NDT - basis of safety

PAN-AMERICA

Charleston, South Carolina, USA, hosted the successful ASNT 2008 Fall Conference & Quality Testing Show

The annual fall conference combined innovative technology and applications with knowledgeable people. Historic Charleston, South Carolina, was host to the 2008 ASNT Fall Conference and Quality Testing Show, which brought NDT professionals from around the world together in an energetic and vibrant conference. Held 10-14 November at the Charleston Area Convention Center Complex, the conference had 1,578 registered participants. The professional programme was robust, with 108 papers being presented in 27 sessions. Papers represented a wide variety of NDT techniques and applications, and brought participants up to date on the very latest in the NDT field. The Quality Testing Show was a tremendous success, with 143 exhibitors participating – even more than in Las Vegas the year before. Short courses, public lectures and committee meetings rounded out the week.



The 2009 Quality Testing Show featured 143 exhibitors showcasing the latest NDT products

A few highlights of the conference included Paul Mardikian's delivery of the Plenary Address on the ongoing restoration work being conducted on the recovered Confederate submarine H.L. Hunley. Mardikian is the head conservator of the Hunley Project, and many attendees of the conference found time during the week to pay a visit to the lab at which the Hunley is being studied. Another highlight was a panel discussion held on Guided Wave Applications, featuring panelists David Alleyne, Glenn Light and John Nyholt. Ron Nisbet acted as moderator and Danny Keck as the 'roving reporter'. Three short courses took place during the week: 'Applied Signal and Image Processing and Analysis for Nondestructive Evaluation', taught by Don Roth, 'PdM Awareness', offered by Ken Starry and 'Thermography as a Nondestructive Testing Tool', by Mohammed Omar.



Incoming ASNT President Jocelyn Langlois and Chair Victor Hernandez cut the ribbon at the 2009 Quality Testing Show's opening ceremony



Keynote sessions were well attended



The induction of the 2008 Class of ASNT Fellows was part of the ASNT Annual Awards Programme: (left to right) Ronald Brosio, David Morgan, Kirsten Lipetzky, David Spooner, ASNT Past President Sharon Vukelich and Paul Zayicek

Society accepting abstracts for 2009 Fall Conference & Quality Testing Show – Deadline is 17 April

There is opportunity to submit abstracts for consideration for the ASNT Fall Conference & Quality Testing Show 2009. The 2009 conference, Destination Columbus, is scheduled for 19 - 23 October in ASNT's hometown, Columbus, Ohio, USA. Desired topics include Health Monitoring, Infrastructure, Laser Methods, Phased Array, Radiation Safety, Homeland Security, Composites, and Modelling and Simulation. Submission information and requirements are provided

on the ASNT web site www.asnt.org. From the homepage click on the 'Meetings and Events' link and select the Fall Conference.

ASNT membership continues to grow

ASNT membership now includes over 10,500 individual members and 475 corporate partners – the largest number of corporate partners in the Society's history. The membership is active around the world, with 70 domestic sections and 14 located outside the United States. The Society's growth worldwide is striking, with 35% of the total membership residing outside the United States. The Society had a very successful year, and thanks its volunteer members for making it possible.

Elijah Wilson (Bill) Huddleston

Born in Selurea, Alabama on 30 June 1927

Departed on 10 December 2008

Elijah Wilson (Bill) Huddleston of San Leandro, CA, passed away on 10 December 2008 in Vancouver, WA, after a long battle with cancer.



He was born in Selurea, Alabama on 30 June 1927 to Elijah W and Ruth Huddleston. He was the 4th of 5 children who all have preceded him in death. He spent most of his youth in Birmingham, AL.

He joined the Merchant Marines at age 17, which was the beginning of his love of boating and travel. Bill spent the majority of his working career in the field of non-destructive testing and was well known throughout the NDT community, both nationally and internationally.

He was very active serving as an officer in several technical

organisations including CINDE, ASNT and NDTMA, where he was given a lifetime membership. ASNT recently established an award in his name to be given to members for outstanding service in the NDT field. Bill was well known and liked in the NDT industry.

Bill held a special place in the Canadian Institute for NDE as he was a strong supporter, mentor and contributor to the NDT field in Canada. The Canadian NDT community – and indeed the whole NDT community throughout the world – will miss him dearly.

Bill will be greatly missed by many.

ASNT Fall Conference and Quality Testing Show

19-23 October 2009

Columbus Convention Center, Columbus, Ohio, USA

Contact: ASNT, 1711 Arlingate Lane, PO Box 28518, Columbus, OH 43228-0518, USA.

Tel: +1 614 274 6003; Fax: +1 614 274 6899;

E-mail: conferences@asnt.org; web: www.asnt.org

Argentina assigned to coordinate IAEA Project

Argentina, through the National Atomic Energy Commission (CNEA), will be coordinating a project for the International Atomic Energy Agency (IAEA) that tends to develop, harmonise and consolidate Non-Destructive Testing (NDT) standards in Latin America and the Caribbean region. 14 countries have joined the project to date.

The project (ARCAL-RLA/8/044) consists of developing a qualification and certification system based on ISO 9712 and 17024 standards, such as those implemented by Brazil and Argentina in the region, and therefore will be an excellent opportunity for cooperating with other countries in the area.

The main characteristics and scope are the following:

Title: Establishing Regional Harmonization in the Qualification and Certification of Personnel and in the Infrastructure Used in the Non-Destructive Testing of Systems, Structures and Components (ARCAL CXVII)

Classification: New

Project Number: RLA8044

Has regional agreement? Yes

Justification:

The increasing demand for energy and potable water will be two of the key issues in the future. Nuclear energy will play a very important role in both fields and a lot of countries are considering the use of this form of energy to satisfy their needs. Both of the above demands will require the safe and reliable management of nuclear energy (nuclear power plants, research reactors and other facilities) during their entire life (construction, pre-service and in-service). This management will rely on well-established non-destructive testing (NDT) techniques. This in turn will call for personnel certified according to ISO 9712 by an accredited body according to ISO 17024. Work under these standards requires NDT Level 3 specialists in each of the participating countries. The following steps need to be taken in this regard: (i) implementation of the technical and administrative actions to establish the standards in each country; (ii) establishment of a set of questions related with the different techniques in the national committees in the participating countries; (iii) development or procurement of examination specimens for training and qualification in the selected techniques by each participating country; (iv) preparation of a set of certified sheets for examination test specimens for each technique selected by the different countries, according to ISO 9712; (v) auditing of the system implemented in each country; (vi) organisation of courses to train and certify personnel in NDT techniques mostly used in the nuclear field (Levels 1, 2 and 3). In the present situation few countries have any accredited personnel

certification system and those that exist are mainly in countries with nuclear power plants (NPPs). The situation in other countries varies from little activity to the development of different qualifying and certifying standards. One way to prepare those countries to manage the future needs will be training, qualifying and certifying young generations in NDT techniques, including industrial radiography satisfying the requirements of ISO-9712 and 17024 and based on IAEA TECDOC 628/REV.1 2002. The system will operate on the principle of third party certification, which means that the specialist training candidates cannot examine them. An independent institution will therefore be needed for certification. The present project will prepare countries for the above mentioned scenario, enabling them to establish an accredited training and certification system and to harmonise the qualification and certification of personnel and the infrastructure used in the non-destructive testing of systems, structures and components at the regional level.

End Users/Beneficiaries:

The end users of NDT techniques will be NPPs, research reactors, radioisotope facilities, utilities, the gas and petroleum industry, public infrastructure (highways, bridges, etc), transportation infrastructure (airports, planes, railways, etc), power generation, the steel industry and others. The beneficiaries will be the entire population.

Project Strategy/Implementation Arrangements:

The project will be implemented on the basis of regional infrastructure (people, equipment, facilities, institutions and companies). Each country will organise a local support group (LSG) preferably an NDT association or an institution whose NDT techniques meet ISO standards. The Agency support will focus on guiding, training and supervising the implementation of the standards to enable the national certifying body (NCB) in each country to be accredited according to ISO 17024.

Sustainability:

The project implementation will be based on local needs and an LSG (local industries, companies and government institutions), thereby guaranteeing the basic infrastructure to give sustainability to the whole NDT activity. Also the support from countries of the ARCAL region where the standards are already in place and NDT associations from other regions with experience in harmonisation based on ISO 9712 in their region will guarantee the sustainability of the activity.

CALENDAR OF NDT EVENTS

| Month | Date | Venue | Event | Contact |
|----------------|--------------|---------------------------------|---|--|
| March 2009 | 18-20 | Moscow Russia | 8th International Exhibition and Conference for NDT and Technical Diagnostics | artemiev@spectr.ru |
| June 2009 | 23-25 | Dublin Ireland | Sixth International Conference on Condition Monitoring and Machinery Failure Prevention Technologies, CM 2009 / MFPT 2009 | karen.cambridge@bindt.org www.cm2009-mfpt2009.org |
| | 24-26 | Berlin Germany | 4th European-American Workshop on Reliability of NDE | tagungen@dgzfp.de www.nde-reliability.de |
| | 30-3 July | Nantes France | 7th International Symposium on Non-Destructive Testing in Civil Engineering NDTCE '09 | ndtce2009@lcpc.fr http://heberge.lcpc.fr/ndtce09/ |
| July 2009 | 20-21 | Kuala Lumpur Malaysia | Malaysia International NDT Conference and Exhibition '09 MINDTCE '09 | najibah@petronas.com.my |
| | 26-31 | Kingston Rhode Island USA | 36th Annual Review of Progress in Quantitative Nondestructive Evaluation (QNDE) | skallsen@cnde.iastate.edu www.cnde.iastate.edu/QNDE/qnde.html |
| August 2009 | 26-28 | Gold Coast Australia | International Conference on Operating Pressure Equipment | events@materialsaustralia.com.au www.materialsaustralia.com.au/OPE09 |
| September 2009 | 1-3 | Ljubljana Slovenia | 10th International Conference – 'Application of contemporary NDT in Engineering' | ndt-ljubljana@fs.uni-lj.si www.fs.uni-lj.si/latem/NDT%202009/NDT-V1.htm |
| | 14-19 | Essen Germany | 3rd Quality Testing International Exhibition 2009 | info@messe-essen.de www.messe-essen.de |
| | 15-17 | Blackpool UK | Materials Testing 2009 and NDT 2009 Conference | karen.cambridge@bindt.org www.materialstesting.org www.bindt.org |
| October 2009 | 12-14 | Prague Czech Republic | 5th International Workshop: NDT in Progress | cndt@cndt.cz www.cndt.cz |
| | 19-23 | Columbus Ohio, USA | ASNT Fall Conference and Quality Testing Show | conferences@asnt.org www.asnt.org |
| November 2009 | 8-13 | Yokohama Japan | 13th Asia-Pacific Conference on Non-Destructive Testing 2009 | apcndt2009@jsndi.or.jp www.apcndt2009.com |
| June 2010 | 7-11 | Moscow Russia | 10th European Conference on NDT | spektr@co.ru www.rsnttd.ru |
| April 2012 | 18-20 | Durban South Africa | 18th World Conference on NDT | saint@acenet.co.za www.saint.org.za |