



*The World Organisation for NDT*

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Volume 8 Issue No 3

March 2010

### CHAIRMAN'S MESSAGE

## Plan now to attend European Conference

Already it is more than a year since the 17th WCNDT in Shanghai and the election of a new ICNDT Executive Committee. During the year we were very active and, as promised at the General Assembly in Shanghai, we have prepared a Strategic Plan for our term of office, 2008-12. The Strategic Plan was reviewed by the Policy and General Purposes Committee when we met during the Asia-Pacific Conference in Yokohama in November and approved subject to some amendments. It will be published soon on the ICNDT website.

The calendar of the ICNDT Executive revolves around key events such as the World Conference (WCNDT) and the Regional Conferences (APCNDT, ECNDT, ACNDT and Pan-American NDT). We maintain an online diary to help NDT Societies make their plans to avoid clashes with these key events and we time our Executive and PGP meetings to coincide with the conferences in order that we can meet the wider membership.

It was a real pleasure to be in Japan for the Asia-Pacific NDT Conference. Executive members had travelled from South Africa, China, UK, Germany, Brazil, Australia, Austria, India and the USA to meet colleagues on the PGP from Japan, New Zealand, Korea, USA, Canada, Spain and Croatia. At the WG1 meeting on Qualification and Certification we were joined by colleagues from Russia and Singapore. Yokohama is a beautiful modern city and we enjoyed three days of sunshine until the rains came!

It's now time to plan to attend the 10th European Conference in Moscow in June 2010 (<http://www.ecndt2010.ru/eng/welcome/>). There will be a very comprehensive technical programme and a large exhibition. Both will provide opportunities for showcasing 'global' NDT technology to Russia and Europe and for visitors to see the excellent R&D, technologies and opportunities that Russia has to offer. Moscow is a beautiful city, especially in late spring. Now is the time to plan to secure early-bird discounts, the cheapest fares and best hotel deals. The Conference Director is Professor Vladimir Klyuev, Honorary Member of ICNDT and President of the Russian Society for NDT and Technical Diagnostics. He and his colleagues will offer a warm welcome and excellent hospitality.

We will have a meeting of the ICNDT General Assembly during the conference with an important agenda and opportunity for the ICNDT membership to help shape our plans for the next two years.

I look forward to seeing you in Moscow in June.

Dr J M Farley  
Chairman, ICNDT



## On the road to harmonisation

CEN and ISO representatives met in Madrid on 17 September 2009 to begin the process of harmonising standards EN473 and ISO9712. The initiative, arising from discussions between the Chairs of CEN TC138 (Patrick Fallouey) and ISO TC135 (Dr Hajime Hatano) is supported by ICNDT.

At the first meeting of a joint working group of the two committees, ICNDT Chairman, Mike Farley, presented the results and recommendation of a workshop on the topic at the 17th WCNDT in Shanghai. John Thompson presented an analysis of the key differences between the standards and the expert delegates, led by Co-Chairs Patrick Fallouey and Hajime Hatano, discussed how these can be resolved in a harmonised standard. None of the differences were considered sufficiently important to prevent mutual recognition.

It is hoped to achieve the first draft of a harmonised standard by the next meeting of the joint working group, to be held in conjunction with the European Conference on NDT in June 2010 in Moscow.

In the meantime, the joint working group of CEN/TC138/AHG9 and ISO/TC135/WG3 is recommending to its parent committees the issue of a declaration:

"Notwithstanding the detail differences between the present versions of ISO9712 and EN473, the competence of NDT personnel certified according to these standards is considered effectively equivalent.

It is the employer's responsibility, prior to issue of the authorisation to work, to check that an individual's certification (EN473 or ISO9712) and any additional employer-administered job-specific training and examination are adequate for the NDT tasks to be executed."

Harmonisation of the two standards is no longer a dream. With the leadership in CEN, ISO and ICNDT it is a real possibility.



## ICNDT Journal



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Editorial contributions are welcomed.

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**The next ICNDT Journal will be published in June 2010**

**Material should be sent to Sharon Bond, email: s.bond@cinde.ca by 30 April 2010**

## Future ICNDT Committee Meetings

### Executive

**Monday 8 March 2010**

Teleconference  
13h00 UK Time

**Sunday 6 June 2010**

Moscow

### General Assembly

**Thursday 10 June 2010**

Moscow, Russia

### PGP

**Saturday 13 November 2010**

Houston, Texas, USA  
(Provisional)

## Order of Australia Medals for Tony Sonneveld and Charlie Pope

Australian Institute for NDT (AINDT) members Tony Sonneveld and Charlie Pope had special reasons to celebrate Australia Day 2010 this January – they were each honoured with an Order of Australia Medal (OAM).

Both were awarded the medals for service to the industry of non-destructive testing, while Tony Sonneveld received an additional citation for service to the community, in particular for his tireless work in raising funds and awareness of prostate cancer since being diagnosed in 2003.

Charlie Pope is probably best known for his role as Founder and Managing Director of C W Pope and Associates (now known as Bureau Veritas Australia), for 30 years since 1969. He was Chairman of the



**Charlie Pope**

panel of examiners of AINDT from 1983 to 1988, Chairman of the NDT Accreditation Advisory Committee of the National Association of Testing Authorities from 2000 to 2004 and a member of various NDT-related committees of Standards Australia, including Chairman of the NDT of Metals

and Materials Committee until 2002.

Charlie Pope has been involved in the development of online training materials for distance education and was a lecturer at the Hunter Institute at TAFE in New South Wales and Newcastle. He won the AINDT J H Cole Award for significant contribution to NDT in Australia in 2002.

Tony Sonneveld is said to have gained enough titles, achievements and awards to “fill his own encyclopaedia”. He was made an Honorary Member of ICNDT in 2008 and was the Australian delegate to the committee from 1985 to 2008. He has been a member of AINDT for 36 years and was the Federal President from 1981 to 1983, State President NSW Branch from 1977 to 1978 and member of the NSW Branch Council in 1983.



**Tony Sonneveld**

He is a member of the Standards Association of Australia and has served on several sub-committees concerned with NDT and inspection. He has been an assessor at the National Association of Testing Authorities for 20 years in the fields of mechanical and non-destructive testing.

Tony Sonneveld received the Pawlowski Award from ICNDT in 2008 and has also won the AINDT's J H Cole Award. He was project manager and publisher of the book *History of Non-Destructive Testing in Australia*, released in 2004 by AINDT.

He is Consumer Ambassador of the Prostate Cancer Foundation of Australia (PCFA) and has been Chairman/Director of the PCFA New South Wales Board for three years.

Tony, who will officially sign off at the European Conference in Moscow in June, was typically magnanimous when speaking of his award of the OAM: “It’s really a reflection of the work a lot of people have done on committees around Australia and internationally to advance the qualifications and experience and acceptance of a very important industry,” he said.

“Over a period of years I employed and trained many people who stayed in the industry and made marvellous contributions,” said Tony, who migrated from Holland to Australia when he was four.

“I probably added a bit of humour to the industry,” he concluded, and we can certainly vouch for that. Long may it and he continue.

In an email message congratulating the pair, ICNDT President Mike Farley said: “Congratulations Tony and Charles on your very well deserved recognition. We are all very proud of you.”

## Why is the ICNDT Guide important?

The following message, from an undisclosed source, illustrates the importance and usefulness of the ICNDT Guide to implementation of ISO 9712.

**T**he problem is that the local industry does not understand the qualification and certification process for NDT, or how NDT really affects them – in both economic and safety terms.

NDT in this country started about 35 years ago when the petrochemical industry here was very young. There were only two or three plants, and only one NDT service company. Since it is mainly a petrochemical industry, the API and ASME standards are applicable. In those days, SNT-TC-1A allowed self-appointed Level 3, so this NDT company pretty much started off with no qualification or certification programme, and the end user did not know any better.

As more plants commenced operations, more NDT service companies were set up, and most of them used the same personnel that had been qualified within – shall we say – systems ‘loosely’ based on TC1A. The end users still did not understand the principles of NDT personnel qualification. So, at that point, we had ill-trained NDT inspectors and NDT company owners chasing the dollar, concluding that training and proper qualification costs too much – and they see no real need to change this, because the NDT industry was never audited.

Fast forward to today. We have the same older NDT companies but many, many more plants. But here is the difference: industry is now global and must meet the demands for quality and safety from insurers and end users, and everyone is being audited. ISO 9001 is demanded, and ‘TQM’ here and ‘continuous improvement’ there! So now these old NDT companies need to shape up, and this is what some of them do: They send their owners/directors to the US to sit the ASNT NDT Level 3 exam. Once they have an ASNT NDT Level 3, even though they know better, they still short-cut their way through the system by becoming ‘Certification Mills’. If they need qualification documents to satisfy an audit, within 24 hours their NDT inspectors suddenly have all they need for the employer to be able to bid on contracts and tenders. And the end user does not know any better.

Because they have been dealing with the NDT companies for years and know the older inspectors well, the end user assumes that since this inspector has been doing work for them for so long he is properly trained. The documents say so, but it is not so. There are many openings in SNT-TC-1A that, if personal integrity is sacrificed, can be exploited. Still nobody thoroughly audits NDT service companies or NDT personnel and everything is left to the discretion of the employer – an interested party.

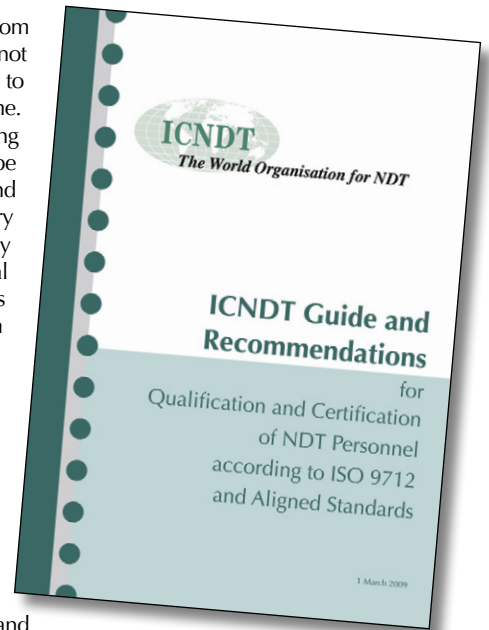
However, we are on the threshold of change. Foreign auditors are uncovering these unethical activities. Also, since the inception of my NDT school three years ago, I have been teaching NDT companies, end users and the public about the proper route to NDT qualification and certification. So, slowly, the end user (industry) is being educated and they are beginning to understand what they need to look for and what they should demand. But we are still far behind in this area.

There is now so much NDT work that inspectors are jumping from one employer to the next, and the individual inspector wants more certificate portability. Industry is starting to see the potential benefit of implementing third party certification standards such as ISO 9712. But who is to pay for this? How is it to be done? The key players in industry do not have the necessary ‘volunteer’ time and the shareholders and directors of these petrochemical plants are near unreachable. How does one get industry to come together for the greater good? Or overcome resistance to change from the older NDT companies, who see third party certification as a drain on profit margins?

What this country needs is an independent NDT personnel certification body that is privately owned by people who do not profit from NDT contracts or tenders, but who have permanent and part-time

key personnel from industry (end users, not NDT companies) to support the scheme. This certifying body should be recognised and accepted by industry (end users), and by the international NDT communities through some form of Multilateral Recognition Agreement (MRA), then we may see growth with stability. To initiate this, what we really need is guidance and funding. The development and implementation of such a programme will not be easy, but I am confident that it will eventually happen – if not through me then through the endeavors of some other person. One cannot stop change and progress forever.”

August 2009



For further information on the ICNDT Guide, visit the ICNDT website: [www.icndt.org](http://www.icndt.org) or contact: John Thompson, Chairman, ICNDT Working Group 1, email: [john.thompson@bindt.org](mailto:john.thompson@bindt.org)

## The Value of NDT – articles invited

The International Committee for Non-Destructive Testing is inviting editorial contributions for the *ICNDT Journal* by means of an award for the best published case study expounding the value of NDT.

The case studies should describe a real-life installation or application, detail problems and challenges encountered and how they were solved and, ideally, state the amount of money saved as well as explain any additional benefits or advantages that resulted from the employment of NDT or condition monitoring equipment, systems, techniques and/or services.

Each article, which must be of no more than 1000 words in length, should be illustrated with up to a maximum of five figures, diagrams or photographs, which may be in colour.

Prospective contributors are requested to submit articles to David Gilbert at [david.gilbert@bindt.org](mailto:david.gilbert@bindt.org)

Please note that ICNDT editorial staff reserve the right to edit, amend, reject or re-schedule copy submitted without prior reference to the contributor.

Contributors are requested to ensure that articles submitted are of quality and originality and are written in good English. Full responsibility for the article(s) rests with the authors, who, where applicable, must have obtained permission to publish the material, including permission to use any materials that may be protected by copyright.



**Obituary: Xavier Deliege  
1935 – 2009**

It is with deep regret that we record here the death of our friend and colleague Mr Xavier Deliege.

Xavier Deliege was one of the founders of the Belgian Association for Nondestructive Testing (BANT) in 1985. He was also Treasurer of EFNDT since its inception in 1998 until 2004.

At the peak of his career he was Quality Manager at Magotteaux, the world-class group of foundries. He spent his early retirement managing BANT and devoted his entire time to the certification body, being EFNDT Treasurer, President of Certification Bureau and Representative of Belgium in CEN and ISO. He led his second career to the service of certified personnel and NDT in general. Xavier was a discrete person, though if required he was able to raise his voice when appropriate to protect the NDT certification scheme and 'his' Belgian Association. Xavier was known to be pleasant and friendly.

Xavier retired from NDT in 2004 to spend deserved free time with his family and grandchild in Spain.

However, he stayed active in the shadows, giving his advice and opinions about the new standards and certification in general.

He leaves a beloved wife, two sons and a grandchild. On the professional side, although being retired for so many years, he leaves a lot of people who learned from him most of their certification knowledge and interest in NDT.

Frederic Carpentier, Secretary of the Certification Bureau at BANT, said: "I owe him most of my contact opportunities in certification and a sense of duty regarding the NDT certification community that he introduced me to.

"This is my opportunity to pay him a tribute."



**Xavier Deliege**

**Obituary: George Pherigo  
1938 – 2009**

George Pherigo, NDT pioneer well-known in the USA and throughout the world, passed away on Sunday 27 December 2009 in North Carolina.

George was intensely loved and admired by many family members and loyal friends near and far. George's life was epitomised by a yearning for knowledge and adventure. Beginning with a degree from St Cloud State University and culminating in a doctorate degree, education was both his occupation and his passion. After service in the National Guard, he began teaching, first in high school in California, then in vocational school in Hutchinson, Minnesota.

He earned an award as Minnesota Vocational Teacher of the Year and was an innovator in the field of non-destructive testing. His expertise led him into the national offices of ASNT in Columbus, Ohio, and then to the education and training department of J A Jones in Charlotte, North Carolina. Eventually, he began his own companies, including Flawtech and PHDiversified in Harrisburg, North Carolina. His career awards and recognitions are too numerous to mention, but those who knew him would know he valued the journey more than the finish line.

Along on that journey was his friend, partner and wife, Jean, every step of the way. Their travels took them to the ends of the earth and their home was filled with mementos and memories of the friends they cherished. They never met a stranger and simply loved to absorb and share experiences with every person who crossed their path.

After Jean's death in 2006, and his parents' deaths since then, George fought a valiant battle against non-smoker's lung cancer with the incredible doctors at the Mayo Clinic in Rochester, Minnesota. George was a firm believer that when we die our energy is merely transformed – so he will always be with us, teaching and learning.



**George Pherigo**

**10th ECNDT Exhibition**

**7-11 June 2010**

**Expocentre, Moscow**

- 5000 visitors from oil & gas, chemical, machinery construction, power engineering, shipbuilding and aviation industries.
- 150 NDT equipment engineering companies and manufacturers from 52 countries.
- Science, education and certification centres.
- New NDT equipment demonstration; round table discussions.
- Leading international and Russian NDT periodicals.

*For participation enquiries:*

Tel: +7 (495) 411 99 00; Fax: +7 (495) 933 0656; Email: [exhibition@ecndt2010.ru](mailto:exhibition@ecndt2010.ru)

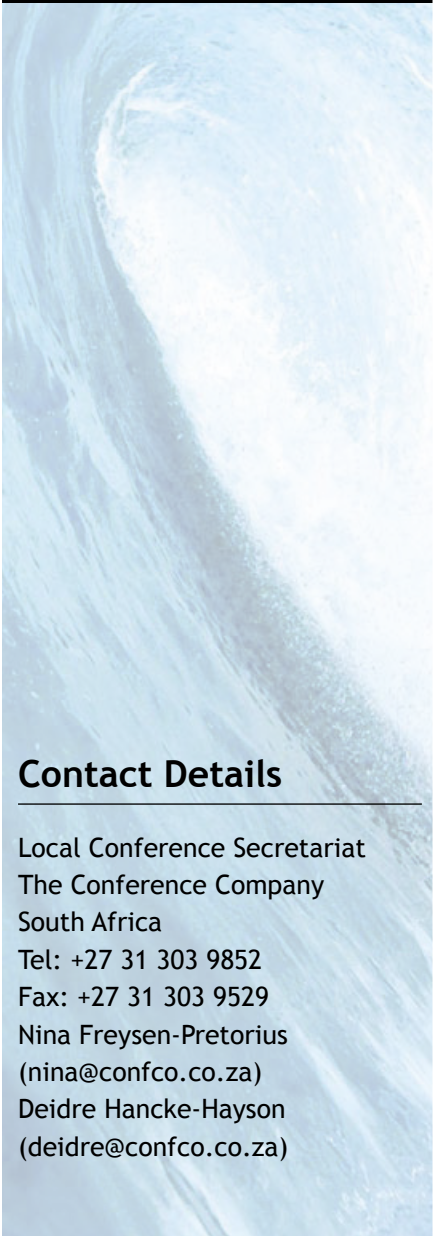
**Deadline for stand reservation: 30 April 2010**

**[www.ecndt2010.ru](http://www.ecndt2010.ru)**

**THEME**

**NDT IN SERVICE OF SOCIETY -**

**in safety, assurance, quality control and condition monitoring.**



**Contact Details**

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Nina Freysen-Pretorius  
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**Conference Website:**  
[www.wcndt2012.org.za](http://www.wcndt2012.org.za)

**18<sup>TH</sup> WCNDT**  
**DURBAN · SOUTH AFRICA · 2012**  
 World Conference on Non Destructive Testing

**ICNDT** **SAINT**

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



ASIA-PACIFIC

## Report on the 13th Asia-Pacific Conference for Non-Destructive Testing (APCNDT)

Compiled from a report written by John Maccarone, AINDT

The 13th APCNDT was held at Yokohama, Japan, from 8 to 13 November 2009. This event was organised by the Japanese Society for Non-Destructive Inspection (JSNDI), ably supported by an International Advisory Committee (IAC) that included New Zealand (host of the 12th APCNDT) and India (host of the 14th APCNDT).

The conference was held at the Pacifico International Grand Hotel, which is located on Yokohama Bay and close to many shopping malls and entertainment centres.



APCNDT conference venue

At the time of writing this report the full attendance list was not available but conference organisers advised there were around 250 delegates registered, which is the average for APCNDT conferences. The JSNDI were a little disappointed at the numbers and they claim the global financial crisis had hit the region heavily. Approximately 21 nations were represented at the 13th APCNDT.

Sixteen companies had exhibition booths. The majority were Japanese-based. Major sponsors were GE Inspection Technologies, KJTD (Krautkramer Japan) and FujiFilm. The South African Institute for NDT also had a table to promote the 18th World Conference for NDT, to be held in Durban in 2012. India was also there promoting the 14th APCNDT, to be held in Mumbai in 2013.



ICNDT President Dr Mike Farley (second right) and EFNDT President Professor Vjera Krstelj (left) chat with Leepipe Inspection Technologies' representatives at the exhibition

Dr Masumi Saka, President of the JSNDI, and Dr Norikazu Ooka, Chairman of the APCNDT, opened the conference.

- There were four plenary lectures presented:
- Current status and future strategy of national energy R&D programme and overview of related NDE research in Korea, by *Dr Joon-Hyun Lee (Korean Institute of Energy Evaluation and Planning, Korea)*
  - Harmonisation of NDT practice: Experience of a third-world country, by *Dr Abdul Nassir Ibrahim (Malaysia Nuclear Agency, Malaysia)*
  - Research and development in NDE and component health monitoring, by *Dr Glenn M Light (Southwest Research Institute, USA)*

- Safety assessment of nuclear power plant in the case of an earthquake, by *Dr Shunichi Suzuki (Tokyo Electric Power Company Inc, Japan)*

There were three concurrent sessions after each plenary lecture and the streams covered included: ultrasonics, acoustic emission testing, infrared thermographic testing, strain testing, optical methods, radiography, neutron radiography, reliability, fatigue and structures, industrial applications, eddy current testing, magnetic testing methods, personnel qualification and certification, materials characterisation and the nuclear industry. Conference organisers advised that there were around 200 papers and 76 poster presentations.

As usual a number of committee meetings were held throughout the conference. These included:

- ICNDT PGPC (Policy and General Purposes Committee) meeting.



Some of the ICNDT PGP attendees

- ICNDT WG1 (NDT Qualification and Certification Committee).
- Third Workshop on NDT for Enhancement of Co-operation with Asia-Pacific Societies.
- APCNDT Committee.
- Member nations of APCNDT were given an opportunity to present an overview of how NDT qualification and certification was managed in their own regions and to confirm if ISO 9712 was being followed.
- ISO/TC 135/SC 8 (Infrared thermography for non-destructive testing) meeting.

The 14th APCNDT Conference will be held in Mumbai, India, in November 2013.

## New PASNT Administrative Council elected for 2009-2011

The Pakistan Society for Non-Destructive Testing (PASNT) was founded in 1996 with multiple objectives. In order to run its affairs and as per its by-laws, an Administrative Council has to be elected. Previously, five such councils have been elected, each for a period of two years. For the sixth term from 2009 to 2011, new elections were held on 8 April 2009. As a result, a new Administrative Council of PASNT consisting of the following office bearers has been elected:

- **President:** Dr Muhammad Asif Khan
- **Senior Vice President:** Mr Jamaluddin
- **Vice President:** Mr Mukhtar Ali
- **Secretary:** Mr Tahir Nazir
- **Treasurer:** Mr Shabbir Ahmad

For further information, contact Dr Muhammad Asif Khan, President, Pakistan Society for Non-Destructive Testing (PASNT), Plot 234, Street 7, Industrial Area I-9/2, Islamabad. Tel: +92 51 9258538; Fax: +92 51 9258642; Email: ncndt@nayatel.pk

## EUROPE

## 10th International Conference in Ljubljana, Slovenia

The Slovenian NDT society celebrated its 50 years of existence and active work by organising the jubilee 10th International NDT Conference, entitled: 'Application of contemporary non-destructive testing in engineering'.

The conference was held in Ljubljana from 1-3 September 2009.



**Prof Janez Grum, President of the Slovenian NDT Society and organiser of the conference during his opening speech**

occasion, she also represented the scope of EFNDT activities. She took the opportunity to invite participants to the 10th European Conference and Exhibition on NDT in Moscow in 2010. We also had the pleasure of hosting Dr Janez Slak, Deputy Director of the Slovenian Research Agency within the Ministry of Science and Education, Assistant Professor Janez Marko-Slabe, Head of Division for Higher Education, Science



**Special guest Prof Vjera Krstelj, President of EFNDT, delivering her welcome speech**

and Technology from the Public Agency for Technology of the Republic of Slovenia and the Dean of the Faculty of Mechanical Engineering, University of Ljubljana, Professor Jožef Duhovnik,

The conference was organised by the President of the Slovenian NDT Society, Professor Janez Grum, who gave the introductory speech. Special guest of the conference was the President of the EFNDT, Professor Vjera Krstelj, who gave the welcome speech. On this



**Chairs at the opening ceremony (from left to right): Vice President of the Slovenian NDT Society Dr Božidar Brudar, Prof Gerd Busse, Prof Len Gelman and Dr Boro Djordjević**

who all gave their invited speeches.

There were 60 papers presented at the conference, 55 of them at oral sessions and five at the poster session. We were proud to host 60 participants from 17 countries coming from Europe, America, Asia and Africa. There were six keynote lectures given as introductory lectures to individual sessions:

- New opportunities for NDT using non-linear interaction of elastic waves with defects, *by I Solodov, D Döring and G Busse*
- Non-destructive test technology for the composite, *by B Djordjević*
- The higher order spectra for condition monitoring/NDT in non-stationary conditions, *by L Gelman and I Petrunin*
- Electromagnetic non-destructive evaluation: present and future, *by R Grimberg*
- Current possibilities of AE method application in selected areas of industrial practice, *by P Mazal*
- Lock-in interferometry: principle and applications in NDE, *by Ph Menner, H Gerhard and G Busse*

On this occasion a conference book and CD proceedings were issued. Details about the conference programme can be seen at <http://ndt-ljubljana@fs.uni-lj.si>. All conference papers are also available at NDT.net. Some selected papers from the conference will be published in special issues of the *International Journal of Materials and Microstructure* (<http://www.inderscience.com>) and the *International Journal of Materials and Product Technology* (<http://www.inderscience.com>).

Accompanying the programme of the conference was a guided walking tour of Ljubljana and a visit to one of the world's biggest caves, the Postojna caves.

## 9th International Conference on Vibration Measurements by Laser and Non-Contact Techniques

**22-25 June 2010**

Ancona, Italy

Contact: AIVELA, Italian Association of Laser Velocimetry and Non-invasive Diagnostics, c/o Department of Mechanics, Università Politecnica delle Marche, Via Brecce Bianche, I-60131 Ancona, Italy.

Tel: +39 071 220 4489; Fax: +39 071 220 4813; Email: [aivela@univpm.it](mailto:aivela@univpm.it); Web: [www.aivela.org](http://www.aivela.org)



**10<sup>th</sup> ECNDT**  
 RSNTTD  
 Moscow 2010, June 7-11



**EF** European Federation for  
 Non-Destructive Testing  
**NDT**



The Russian Society  
 for Non-Destructive Testing  
 and Technical Diagnostics

**10<sup>th</sup> EUROPEAN CONFERENCE  
 and EXHIBITION on NDT**

**7-11 June 2010, Expocentre**

**Venue:** *Expocentr, Moscow, Pavilion 8, Halls 1, 2, 3  
 (20 mins from Moscow Center)*

- **Number of Papers:** *above 670 from 50 countries*
- **Conference and exhibition venue area** *7500 sq.m*
- **Exhibition booths area** *2835 sq.m*
- **It is planned to have five Sections:**
  - Technogenic diagnostics (14 sub-sections: on basic NDT methods (UT, MT, RT, etc.), Computed Tomography, industrial and practical NDT applications for transport means, power industry, pipelines, nanotechnologies and others)
  - Anti-terrorist Diagnostics
  - Ecological Diagnostics
  - Residual Resource Diagnostics and NDT Technologies (5 sub-sections)
  - NDT Standardization, Certification and metrology (3 sub sections)

For latest news visit web site [www.ecndt2010.ru](http://www.ecndt2010.ru)

***Do not miss the chance to meet your colleagues  
 from all over the world during important NDT event in Moscow!***

Register on-line now: [www.ecndt2010.ru/eng/register](http://www.ecndt2010.ru/eng/register)  
 e-mails: [info@ecndt2010.ru](mailto:info@ecndt2010.ru); [exhibition@ecndt2010.ru](mailto:exhibition@ecndt2010.ru)



**NDT - basis of Safety!**





## European Forum for National Aerospace NDT Boards

The 6th meeting of the Forum for NANDTB was held at DGZfP, Max-Planck-Str 6, 12489 Berlin, Germany, on 23 June 2009.

During the meeting, the following actions were assigned:

- Develop a training syllabus covering Aerospace Product Technology.
- Establish that each of the Forum members is implementing specification ANDTBF/05 (Harmonisation of the Operations of the Members of the Forum).
- Gather information concerning the nature of operations of each of the Boards (continuation of the survey initiated by the Portuguese Board).
- Elevate the profile of the Forum and its member Boards through provision of information and short articles about the work of the Forum and its individual member's Boards.

- Request that EASA consider formal recognition of prEN 4179:2008 as an industry standard acceptable for implementation by ANDTB.
- Propose to the AIA-NAS project group that the NANDTB Forum be consulted in the interpretation consultation process.

The dates and locations for the 7th and 8th meetings are 8 December 2009 in Basel, Switzerland, and 8 June 2010 in Moscow during the 10th ECNDT. The first part of the meeting, from 14:00 to 15:30, will be a closed meeting; the second part, from 16:00 to 17:00, will be open to attendance by individuals having an interest in the ANDTBF and its work. This latter part will take the form of two presentations, followed by questions and discussion.

## New President for the Italian Society for Non-Destructive Testing Monitoring Diagnostics – AIPnD

The secretariat office of the AIPnD has the honour and pleasure of communicating that **Mr Antonello Giacinto Porco** has been recently elected, by the newly-appointed Board, President of the Italian Society for Non-Destructive Testing Monitoring Diagnostics.

Vice Presidents of the Society are Mr Mario Papponetti (Genoa) and Mr Filippo Latte Bovio (Milan), while Mr Ezio Tuberosa has been reconfirmed as Secretary General of the Society.



**Mr Antonello Giacinto Porco**

The President may be contacted at: Ing Antonello Giacinto Porco, University of Calabria, Dept of Structures – UNICAL, Via Ponte Pietro Bucci, 87036 Arcavacata Di Rende (Cosenza), Italy. Tel: +39 0984 466930; Fax: +39 0984 496909; Email: csaleph@tin.it

Further information may be obtained from Mrs Elisabetta Arisi, Secretariat of the AIPnD, AIPnD, Associazione Italiana Prove non Distruttive Monitoraggio Diagnostica, Italian Society for Non-Destructive Testing Monitoring Diagnostics, Via A Foresti 5, I-25127 Brescia BS, Italy. Tel: +39 030 3739173; Fax +39 030 3739176; Email: segreteria@aipnd.it; Web: www.aipnd.it

## 11th International Conference on Mechanical Behaviour of Materials (ICM11)

**5-9 June 2011**

Lake Como, Italy

### Call for Papers

The objectives of ICM11 are to foster research on the mechanical behaviour of materials, to promote related international cooperation among scientists and engineers and to provide the means for public dissemination of the results from these efforts.

#### DEADLINES

*Abstract submission:* 30 September 2010

*Notification of abstract acceptance:* 31 December 2010

*Submission of full paper:* 28 February 2011

*Notification of paper acceptance:* 31 March 2011

Conference Secretariat: Mrs Licia Simonelli, Politecnico di Milano, Department of Mechanical Engineering, Via La Masa 1, 20156 Milan, Italy. Tel: +39 0223 998212; Fax: +39 0223 998202; Email: icm11@icm11.org

**www.icm11.org**

## PAN-AMERICA

## News from the American Society for NDT

**ASNT 2009 Fall Conference & Quality Testing Show – Destination Columbus – proved the place to be in October**

The ASNT Fall Conference & Quality Testing Show 2009, Destination Columbus, was held 19-23 October 2009 in the Society's hometown of Columbus, Ohio, USA.



The Quality Testing Show 2009 is officially opened

The Conference featured three concurrent tracks with 97 paper presentations, four short courses and there were 120 exhibitors for the Quality Testing Show.

Scheduled papers covered the variety of user industry techniques and applications and brought attendees the very latest developments and challenges in the NDT field.

The short courses included: a Master Class in the art of Phased Array Data Analysis addressing Detection, Characterisation and Finite Sizing of Welding Flaws; Measuring and Improving Inspection Performance; Applied Thermography for Non-Destructive Testing; and Introduction to Failure Analysis.



Conference attendees at one of the four short courses

Session topics included: Health Monitoring; Infrastructure Inspection and Evaluation; Fluorescent Penetrant Inspection – Tutorial; Mentoring; Phased Array; Radiation Safety; Pipeline

Inspection; Chemical and Petroleum; Modelling and Simulation; and Composites.

The 2009 conference brought together the international community of professionals who exchanged ideas to further the profession.



Student poster session

**ASNT Topical Conferences and Symposia 2010**

There is still time to submit abstracts for these ASNT topical conferences and symposia scheduled for 2010. Abstracts are being accepted for:

- **The Fourth Japan – US Symposium, Emerging NDE Capabilities for a Safer World**  
7-11 June 2010, Maui Prince Hotel, Maui, Hawaii, USA
- **Nondestructive Evaluation of Aerospace Materials and Structures II**  
24 & 25 May 2010, Crowne Plaza St Louis Airport, Missouri, USA
- **ASNT 19th Annual Research Symposium & Spring Conference**  
22-26 March 2010, Williamsburg Marriott, Williamsburg, Virginia, USA
- **NDE/NDT for Highways and Bridges: Structural Materials Technology (SMT) 2010**  
16-20 August 2010, New York LaGuardia Airport Marriott, New York, USA
- **ASNT Fall Conference & Quality Testing Show 2010**  
15-19 November 2010, Houston Convention Center, Houston, Texas, USA

Submission information and requirements for each of these events is provided on the ASNT website: [www.asnt.org](http://www.asnt.org)

**New publications**

ASNT has recently released the following publications:

- ASNT Study Guide: Industrial Radiography Radiation Safety;
- Ultrasonic Testing, Personnel Training Publications, Instructor and Student Packages;
- Nondestructive Testing Handbook, Volume 8 Magnetic Particle Testing, Third Edition (hardback and CD-ROM);
- A Model Written Practice, 2006 Edition;
- NDT Personnel Training, Qualification and Certification – Audit Checklist – 2006; and
- Interpreting SNT-TC-1A, Fourth Edition.

Find all of ASNT's NDT publications in the 2010 catalogue and on the ASNT website at ShopASNT.



**ASNT Officers for 2009 – 2010**

The following individuals have been elected for 2009-2010:

- **Chairperson of the Board:** Jocelyn A Langlois
- **President:** Joel W Whitaker
- **Vice President:** Ricky L Morgan
- **Secretary/Treasurer:** Robert J Potter

To see the full list of members of the Board of Directors for 2009-2010, visit [www.asnt.org](http://www.asnt.org)

**Society membership continues growth spurt**

ASNT ended October with additional growth in both individual members and Corporate Partners. The Society now includes over 10,900 individual members and 496 Corporate Partner members. The membership is active around the world, with 70 sections in the United States and 15 located outside the United States. The Society's growth worldwide is striking, with 38% of the total membership residing or working outside the United States in 99 countries.

During the Fall Conference, the ASNT Board of Directors approved the charters for two sections, to be known as the Kuwait Section and The North Carolina Student Section accordingly.

**Mentoring Matters –  
ASNT E-Mentoring programme launched**

ASNT launched an e-mentoring programme to encourage and support young people aged 18-30 interested in non-destructive testing career paths. The programme matches ASNT member volunteers with adult student members and young professionals. Mentors have the opportunity to inspire mentees by sharing their NDT career and industry experience, knowledge and advice. As an internet programme, the mentor and mentee can reside anywhere in the world. Matches are based on career type and industry(ies) of interest. More than 100 members volunteered as e-mentors for the programme to date. A webinar was held on 6 October to give the e-mentors programme guidelines, tips for successful mentoring and to answer any questions. ASNT is still accepting mentor and mentees into the ongoing programme. Members interested in either should visit the ASNT website or contact Ruth Dheel in the Membership Services Department at [mentoring@asnt.org](mailto:mentoring@asnt.org)

**ASNT Fall Conference &  
Quality Testing Show  
2010**

**15-19 November 2010**

**Houston Convention Centre  
Houston, Texas, USA**

Contact: ASNT, 1711 Arlingate Lane,  
PO Box 28518, Columbus, OH 43228-0518, USA.  
Tel: +1 614 274 6003; Fax: +1 614 274 6899;  
Email: [conferences@asnt.org](mailto:conferences@asnt.org);  
Web: [www.asnt.org](http://www.asnt.org)

**5th Pan-American Conference on  
Non-Destructive Testing**

**2-6 October 2011, Cancún, Mexico**

The Pan-American Non-Destructive Testing Committee and the Instituto Mexicano de Ensayos no Destructivos AC (IMENDE) are pleased to organise the 5th Pan-American Conference on Non-Destructive Testing (V COPAEND 2011), which will be held 2-6 October 2011 in the city of Cancún, Quintana Roo, Mexico.

The Pan-American Conference has a long and prolific background, starting in 1984 as the Congress for Latin America and the Caribbean under the support of the ONU's Regional Project for Latin America and the Caribbean. Later, in 1995, it grew to include Canada and the United States of America and then, with the support of the International Committee for Non-Destructive Testing (ICNDT), it became the now widely acknowledged Pan-American Conference on NDT. Since 1995, seven international conferences have been held.

The organisers of the 5th Pan-American Conference on NDT are pleased to invite all experts, professionals, developers, business people and students in the area of NDT or related specialties, to participate with collaborations in any of the wide range of applications of NDT, in particular the following: Basic and applied research; Design and development of instruments and systems for non-destructive inspection; Testing and diagnostic applications in the field; Codes and standards; Materials characterisation; Personnel training, education, qualification and certification; Security, reliability and quality; Anti-terrorist protection systems; Biomedical applications; and Inspection specialties.

Especially welcome are contributions related to issues of security, environmental impact and oil.

Plenary Sessions will be held on the main topics of NDT. Sessions will be addressed by distinguished personalities who have contributed to NDT development. During five days, Technical Sessions will give a whole scope of the status of NDT.

The Commercial Exhibit will dedicate a special area for research and development institutes and for specialised firms, presenting their best equipment, services and offers which will attract visitors who wish to keep pace with the forefront in NDT.

The V COPAEND 2011 will focus on facilitating exchange and linking among participants within a friendly and comfortable environment.

The official language will be Spanish. Works may also be submitted in any of the area-predominant languages: English, Portuguese or French. Simultaneous translation, Spanish-English and English-Spanish, will be supplied for opening and closing ceremonies and some of the sessions.

Members of many international NDT societies will attend this conference and more than one hundred companies from all over the world dedicated to the NDT field are expected to participate in the exhibition running alongside the conference.

Cancún, one of the world's most attractive tourist destinations, is to host the Pan-American Conference because it is simultaneously a dynamic and attractive city specifically established with the purpose of combining modern services and advanced infrastructure with its cultural and tourist appeal.

"This 5th Pan-American Conference will put you in touch with the forefront technology on NDT. It will be an excellent opportunity to build scientific, technical and commercial relationships," says Alfonso R García Cueto, President, V COPAEND. "We are very proud to host the V COPAEND and are looking forward to meeting you there."

For further information, tel: +52 (55) 55 79 66 29, email: [info@copaend5.com](mailto:info@copaend5.com) or visit [www.copaend5.com](http://www.copaend5.com)

## CALENDAR OF NDT EVENTS

Month	Date	Venue	Event	Contact
March 2010	22-26	Williamsburg USA	19th American Society for NDT Annual Research Symposium and Spring Conference	www.asnt.org conferences@asnt.org
May 2010	24-25	St Louis Missouri, USA	Non-Destructive Evaluation of Aerospace Materials and Structures III	conferences@asnt.org www.asnt.org
June 2010	7-11	Moscow Russia	10th European Conference on NDT	spektr@co.ru www.rsnttd.ru
	7-11	Maui Hawaii, USA	4th Japan-US Symposium on Emerging NDE Capabilities for a Safer World	conferences@asnt.org www.asnt.org
	14-17	Toronto Canada	3rd International CANDU In-Service Inspection and NDT in Canada Conference	events@cinde.ca
	22-24	Stratford-upon-Avon UK	7th International Conference on Condition Monitoring and Machinery Failure Prevention Technologies	cm_mfpt@bindt.org www.cm-mfpt.org
July 2010	18-23	San Diego USA	37th Annual Review of Progress in Quantitative Non-Destructive Evaluation (QNDE)	heidi@cnde.iastate.edu www.cnde.iastate.edu/QNDE/QNDE.html
	27-30	Québec Canada	Quantitative Infrared Thermography (QIRT) Conference	quebec@gel.ulaval.ca qirt2010.gel.ulaval.ca
August 2010	16-20	New York USA	NDE/NDT for Highways and Bridges: Structural Materials Technology (SMT) 2010	conferences@asnt.org www.asnt.org
	29-3 Sep	Dresden Germany	European Conference on Fracture ECF18	ecf18@dvm-berlin.de www.ecf18.de
September 2010	14-16	Cardiff Wales, UK	NDT 2010 Conference and Exhibition	karen.cambridge@bindt.org www.bindt.org
	29-1 Oct	Berlin Germany	8th International Conference on NDE in Relation to Structural Integrity for Nuclear and Pressurised Components	www.8thnde.com sk@dgzfp.de
November 2010	15-19	Houston Texas, USA	ASNT Fall Conference and Quality Testing Show 2010	conferences@asnt.org www.asnt.org
October 2011	2-6	Cancún Mexico	5th Pan-American Conference on Non-Destructive Testing	info@copaend5.com www.copaend5.com
April 2012	18-20	Durban South Africa	18th World Conference on NDT	saint@acenet.co.za www.saint.org.za