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INMM-VC Forum

President's Note

This will be my last note as the President of the Chapter. It has been a great pleasure, and equally a great challenge to serve in this capacity for the past two years. There is no doubt that the Chapter has made a great positive leap forward during this period to take its rightful place among the INMM chapters worldwide. Our membership has grown from about 30 to over 120. We successfully organised six luncheons, two seminars, one science fair during this period, and the Safeguards symposium. Let me emphasize that these successes would not have been possible without the cooperation and contributions of all members of the Chapter, especially the executives. I therefore thank you all and look forward to your continued cooperation with the new executives.

Preparations are on-going for the 2012 Science Fair. It will be held on 17 March 2012 at the American International School, Vienna. We expect a larger turn-out of students this year than last year. John Kinney is still the coordinator of the Science Fair. I look forward to your support as in the past.

A luncheon was held on Thursday 23 June 2011 at the VIC restaurant. The guest speaker was Ambassador Tibor Tóth, the Executive Secretary of the Preparatory Commission for the Comprehensive Nuclear-Test-Ban Treaty Organization (CTBTO). He spoke on "CTBTO in the framework of nuclear non-proliferation", outlining the history of nuclear testing and successes in the ratification of the CTBT by member countries. The presentation also explained the work of the CTBTO in monitoring and detecting nuclear explosions, as



Ambassador Tibor Tóth (center) stressing a point during his presentation. Listening with rapt attention are (from left) Mr. Paul Saey (who introduced the guest speaker), Ms. Therese Renis (the vice-President of the Chapter), Mr. Herman Nackaerts (IAEA DDG-SG) and Ms. Jill Cooley (IAEA Director of Division of Safeguards Concepts and Planning).



Time for questions! From left: Anders Axelsson, Karin Burmester and Ken Vilece ask Ambassador Tibor Tóth questions during the luncheon.

well as the organization's contribution to the prediction and detection of earthquakes. Twenty-six people attended the luncheon, out of which seven were nonmembers. Ambassador Tibor Tóth's presentation is available to all members on the Chapter's website http://www.savic.ca/inmm_vienna/Presentations/Presentation_Toth.pdf.

The Chapter was well represented at the 52nd Annual meeting of the INMM which was held on 16-21 July 2011 in Palm Desert, CA, USA (see reports by Jill Cooley and Carrie Mathews on page 3 of this newsletter).

A seminar on "Domestic Materials Control and Accountability (MC&A) / SSAC's from an International Perspective" was held on Monday, 15 August 2011, in the VIC meeting room A0742. The Guest Speaker was Mr. Cary Crawford, the Technical Group Manager, Physical Protection Implementation, Pacific Northwest National Laboratory, Richland, Washington, USA. Cary



Some of the participants at the luncheon



is also the Chair of the Materials Control and Accountability (MC&A) Division of the INMM. The seminar was moderated by Ms. Carrie Mathews, a member of the Vienna Chapter working in the Division of Concepts and Planning, IAEA. Most of the participants in the seminar contributed to a lively discussion on the topic. A report on the seminar is included on page 4 of this newsletter.

Membership renewal for the 2011/2012 year has commenced and I wish to encourage you all to immediately renew your membership and invite your friends and colleagues to become members.

Once more, I thank you all for your contributions. I also congratulate the new executive committee members -

President: Therese Renis
 Vice-President: Dapo Odulaja
 Treasurer: Diane Fischer
 Secretary: Tom Jeffrey
 Members at Large:

Eva Gyane

Renate Czarwinski

- on their election and wish them a very successful tenure. I will continue to actively participate in the Chapter's activities and I look forward to seeing you all during the Chapter's events.

Marco Marzo



CONFERENCES UPDATE:

Workshop on “Managing Internal Security Threats in High Value and Sensitive Industries”: 10-12th October, 2011 Johannesburg, South Africa. Contact Mr. Jadallah Hammal at jadallah.hammal@wins.org if you are interested and have these skills/knowledge.

INMM/ESARDA Workshop on Future Directions for Nuclear Safeguards and Verification. October 16 - 20, 2011; Aix en Provence, France.

International Conference on the Safe and Secure Transport of Radioactive Material: The Next Fifty Years of Transport - Creating a Safe, Secure and Sustainable Framework. 17-21 October 2011; Vienna, Austria. (www.iaea.org).

A Conference of Nuclear Leaders from China and the Worldwide Industry. 20-22 October 2011; Sheraton Hong Kong Hotel & Towers, HONG KONG (www.wna-symposium.org/china).

2011 ANS Winter Meeting and Nuclear Technology Expo: the Status of Global Nuclear Deployment. Oct. 30-Nov. 3, 2011, Omni Shoreham Hotel, Washington, DC USA (http://www.new.ans.org/meetings/c_1)

INMM/WINS Workshop on Human Reliability in Nuclear Security. (6-7 Dec. 2011, Cumbria, UK) Registration is limited to the first 40 persons, available ONLINE ONLY at http://www.inmm.org/Upcoming_Events/2472.htm until 28 October 2011.

International Conference for Emerging Specialists in Nuclear Security. March 2012. www.inens.org.

M e m b e r N e w s**New Members of INMM Vienna Chapter
(Since July 2011)**

We welcome the following new members who joined INMM Vienna Chapter after the last issue of the *INMM Forum*. We are delighted to have you all as members and we believe that the INMM will benefit from your extensive experience and expertise in various areas related to the nuclear material management. We look forward to seeing you at our Chapter's events.

FOWLER, Marcy

KAMINSKI, Kimberly (Ania)

RAMUSHU, Stephanie

WALSH, Steven

SENIOR MEMBERSHIP

Congratulations to **Dapo Odulaja**, the new vice-president of INMM, Vienna Chapter, who was recently elected as a Senior Member of the INMM.

RELOCATION

Anders AXELSSON, a staunch member of the Chapter recently relocated from the IAEA back to his home country, Sweden. We wish Anders the best in his new job.

OBITUARY

We regret to announce the death of a dear friend, colleague and active member of the Chapter, **Mr. Kevin Holm**, who passed away in the early hours of Tuesday 31 August 2011. Kevin was a respected safeguards inspector at IAEA until his death. Our condolences to his wife and family. May his soul rest in peace.

Do you have comments or suggestions on the INMM-VC Forum? Would you like send a short article or announcement for publication in this Newsletter? Please contact the Chapter's Secretary on +43-1-2600-22083; e-mail: T.Jeffrey@iaea.org

Institute of Nuclear Materials Management (INMM) 52nd Annual Meeting

By Jill Cooley

I wish to report to you on a very successful 52nd Annual meeting of the INMM, which was held on 16 - 21 July 2011 in Palm Desert, CA, USA.

On Saturday (16 July) I attended the Executive Committee Meeting. There were some 60 participants representing the various Chapters, technical divisions, sub-committees and, of course, the Executive committee itself. There are now 25 Chapters around the world including 6 U.S. chapters, 10 student chapters and 9 international chapters. The newest chapter, formed this past year, is in Morocco. The Vienna Chapter, along with the Japan and ROK chapters, have voting status due to each of them having over 50 members. The informative Vienna chapter report and increased Chapter activities were very well received. I highlighted the numerous luncheons, the Safeguards Symposium and the Science Fair organised by our Chap-

ter over the past year. I thanked the INMM HQ for their monetary contributions to the Science Fair and indicated that planning for next year's Science Fair had already started.

There was much discussion during the meeting under various agenda items on the Student Chapters. Due to the large turnover of members (for obvious reasons), maintaining continuity of these Chapters is proving somewhat difficult. The importance of the Faculty advisor, succession planning for Chapter Officers, and assistance from regional chapters were emphasized. Student Chapters took it upon themselves to communicate with one another on their operating practices including fund raisers.

On Monday (18 July) evening I attended the New Member/Senior member reception as a member of the Membership committee. The

Chair of the Committee, Al Garrett, introduced the new Senior members. He read a very nice statement for Dapo Odulaja (our Chapter's secretary), highlighting his efforts in helping to revitalize the Vienna chapter.

On Tuesday (19 July) evening I attended the Business Meeting. I picked up the 2011 bar for the IAEA Sustaining Member plaque and Dapo's Senior Member certificate.

And, on Thursday (21 July), I attended the Chapter president luncheon. Again there was much discussion on organizing, maintaining and supporting the Student Chapters.

The INMM meeting itself was very well attended (over 1000 participants), very busy and very productive. All in all, a success. The Vienna Chapter was represented by five members, including the IAEA DDG-SG, Mr. Herman Nackaerts who gave the plenary address. ◆

New - INMM Website Subcommittee

Carrie Mathews attended the inaugural meeting of this subcommittee on behalf of the Vienna Chapter during the 52nd Annual Meeting of the INMM. It was led by George Baldwin of Sandia National Laboratories, who is working closely with Patricia Sullivan, the INMM's webmaster. George was soliciting participation on the subcommittee and looking for ideas on its scope, mission, purpose, and priorities. He received a number of ideas from the few participants.

The subcommittee will try to define processes for oversight and management/sustainability of content on the INMM website, liaise with the Divisions and Chapters on communication strategies and outreach, and try

to assure quality, accessibility and accuracy of content. Some concepts discussed during the meeting included: quality, standardization, branding, archival, record keeping, photographs, training and education material, business procedures, Division overviews and tutorials, and processes to develop and publish best practices. The possible objectives of the website were discussed – is it to serve the needs of members, or to reach out and attract new members, or promote nuclear material management broadly? What is the role of social media in INMM's communication strategy? A survey may need to be conducted to determine how it is used, and how members would prefer to use it. George will

prepare a draft charter for the subcommittee, and circulate it to the participants for feedback. Carrie offered to continue liaising between the Vienna Chapter and the subcommittee, and expressed an interest in staying involved. For more information, please contact Carrie at C.Mathews@iaea.org.

Carrie Mathews ◆

Seminar on “Domestic Materials Control and Accountability (MC&A) / SSAC's from an International Perspective”

Report by Carrie Mathews

Mr. Cary Crawford of Pacific Northwest National Laboratory, and Chair of the INMM’s MC&A Division, presented a seminar on 15 August 2011 on “Domestic Material Control and Accountability and SSACs – an International Perspective” to an audience of about 30 IAEA staff members over the lunch hour. Cary discussed the similarities and differences between international and national safeguards. He suggested that outreach, training and guidance provided to States on develop-

further cooperation in areas of interest to the IAEA. He emphasized that the Division is not limited to U.S. domestic safeguards, but is committed to supporting domestic safeguards systems globally.

His lecture was followed by a lively discussion, addressing such topics as:

- 1) challenges facing the Department of Safeguards in providing detailed guidance to States on domestic safeguards, and the important role of organizations such as the IAEA Office of Nuclear Security, the World Institute of Nuclear Security,

and the INMM in providing such guidance;

- 2) barriers to integration of international and domestic safeguards requirements, such as is the case in some States under a regional authority like Euratom that have delegated the responsibility for IAEA safeguards to the inspectorate,

- 3) the important capability of any SSAC to detect and report any loss of control over nuclear material at any stage in the fuel cycle, and

- 4) the IAEA’s responsibility to investigate any possible loss of nuclear material, regardless of whether it was State-sponsored or simply a loss of State control or inadequate knowledge.

It was pointed out that the IAEA training programme has evolved over the past several years to emphasize the broad responsibility of SSACs to control all nuclear material, beginning at the stage of mining and milling, and addressing import and export controls and monitoring of industrial capability. IAEA training has also developed courses specific to SQP States, dealing with the unique challenges faced in those countries. Likewise, the IAEA is developing new guidance for States to replace the SSAC Guidelines, and following publication of a reference Guide in 2011, detailed “Safeguards Implementation Practices” will be issued that will provide detailed information to States on a topical basis.

Due to the success of this workshop, the Vienna Chapter is considering organizing future topical seminars; suggestions for topics and speakers are welcome and should be addressed to: T.Jeffrey@iaea.org.

Mr. Crawford’s presentation is available on the Vienna Chapter website: http://www.savic.ca/inmm_vienna/Presentations/Presentation_Crawford.pdf.



Carrie Mathews (2nd from left) introducing Cary Crawford (left); Cary gives his presentation below



Participants listening to Cary



Questions and discussions: Jaime Vidaurre (left) and Bruce Moran contributing to the lively discussion

ing national nuclear material control systems should address elements necessary to meet obligations pursuant to IAEA safeguards agreements, as well as elements necessary to address the threat of malicious insider acts and other sub-State threats. He argued that a nuclear material accounting and control system which is robust enough to address insider threats will also be capable of meeting IAEA safeguards requirements.

Cary then discussed the INMM MC&A Division, and encouraged IAEA staff to participate in the activities of the Division, and to suggest topics or venues for



Mr. Marco Marzo (left), President of the Chapter presenting a certificate of appreciation to the guest speaker

Current officials:

President:	Marco Marzo	m.marzo@iaea.org
Vice-President:	Therese Renis	t.renis@iaea.org
Treasurer:	Diane Fischer	d.fischer@iaea.org
Secretary:	Adedapo Odulaja	a.odulaja@iaea.org
Member at Large:	Laura Rockwood	l.rockwood@iaea.org

Phone: +43-1-2600-26304

WWW.INMM.ORG
WWW.SAVIC.CA/INMM_VIENNA/

INMM fills the void created by the limited curricula for the training of nuclear materials management professionals at educational institutions. It helps combine on-the-job training and the exchange of ideas as the primary source for those in the field to learn the best approaches and procedures for implementing all aspects of nuclear materials management.

The institute combines the training and experience of those who are actively involved in the development and application of procedures and equipment with those who are directly involved in operations.

INMM membership is open to anyone involved in the development, teaching, and application of technologies and procedures for the management and protection of nuclear materials.

Members of INMM receive many rewards for belonging to this important international organization, including:

- Opportunities for professional development
- International networking
- Subscription to the [Journal of Nuclear Materials Management](#)
- Peer contact through [Regional Chapter](#) activities
- Recognition through INMM Awards and Fellows programs
- Access to research and best practices
- Reduced registration fees for educational seminars, topical workshops, and meetings
- [INMM's Mentor Program](#) directly connects students and junior professionals with the leaders in nuclear materials management.
- Peer contact through Committee activities
- The INMM Membership Directory. The "who's who" in nuclear materials management throughout the world
- A complimentary copy of the [Proceedings](#) of the INMM Annual Meeting
- Voting in INMM elections

How to apply

Please apply online using the following link:

<https://www.inmm.org/source/memberapp/index.cfm>

Election of new Executive of INMM Vienna Chapter

The Nominating Committee of the Vienna Chapter of the Institute of Nuclear Materials Management approached candidates for positions on the Executive Committee of the Chapter for the period 2011-2012 and, with their consent, prepared a ballot listing the names and the positions to which they had been nominated. Members were also given the opportunity to nominate candidates for any of the positions through a notification in the June 2011 newsletter, *INMM-VC Forum*.

An electronic ballot was distributed on 11 August 2011 to all members from the current roll of the Chapter provid-

ing for an anonymous voting process. The polling closed on 6 September 2011 and the participation summary is as follows:

Total number of members in good standing: 121

Total ballots received : 62

The following are the results:

President - Therese Renis: 61

Vice-President - Dapo Odulaja: 60 (one write in: John Kinney)

Treasurer - Diane Fischer: 62

Secretary - Tom Jeffrey: 60 (one write

in: John Kinney)

Members at Large:

Eva Gyane¹ : 57 (three write ins: Carrie Mathews, Paulo Melo Moitta, Diego Russo)

Renate Czarwinski: 61

¹ Two-year term



INMM MENTORSHIP PROGRAM

Experienced INMM members are available to student members and junior members of the nuclear materials management profession. You can connect with a mentor based on field of interest, geographical location or organization, in the different technical areas of INMM — International Safeguards; Materials Control and Accountability; Non-proliferation and Arms Control; Packaging and Transportation; Physical Protection; and Waste Management.

For more information, visit www.inmm.org. ◆