

## INMM-VC Forum

### President's Note

Our Chapter continues to be active and grow stronger over the last three months. Much has already been accomplished in relation to plans for the 2011 Science Fair. On this note, I wish to thank all those who have volunteered to serve on the planning committee of the Science Fair. More hands are still needed and I appeal to you all to come forth and contribute to the success of the Fair.

A luncheon was held on Tuesday 14 September 2010 at the VIC restaurant. The guest speaker was Mr. Denis Flory, Deputy Director General and Head of the Department of Nuclear Safety and Security, IAEA. He spoke on "The future of NS: Views and plans". Denis, who is also a



*Mr. Denis Flory—delivering his lecture*

staunch long-time member of the INMM, took up his office at IAEA in August 2010. His presentation outlined the challenges of nuclear safety and security, and the strategy being adopted by the depart-



*Some of the participants at the luncheon on September 14, 2010*

ment to be ahead of the game. Mr. Flory also emphasized the synergy between nuclear safety, security and safeguards. Thirty-three people attended the luncheon. You can read Mr. Flory's presentation on our temporary website ([http://www.savic.ca/inmm\\_vienna/index.html](http://www.savic.ca/inmm_vienna/index.html)).

We are planning to have at least one more luncheon before the year runs out. The Chapter will also be hosting a reception for the participants in the forthcoming IAEA Safeguards symposium in November 2010. I cordially invite you to attend the activities organized by the Chapter.

Let me seize this opportunity to personally congratulate our members who were given merit awards by the Director-General of IAEA for their exceptional contribution

to the Agency (see page 2). The Chapter is proud of your meritorious performance and felicitates with you. I wish you all greater success in your careers.

Please, feel free to send any contributions – announcements, short articles, news, etc. – to the next issues of this newsletter. I particularly encourage all our members to send us news about career changes, promotions, etc. to publish in the 'Member news' section of our newsletter. Also, I would be grateful if you would pass copies of this newsletter to friends and colleagues who are not INMM members, and invite them to become members. ♦

**CONFERENCES UPDATE:**

**PATRAM 2010, the 16th International Symposium on the Packaging and Transportation of Radioactive Materials**

Oct. 3-8, 2010.

London, UK.

(Visit [www.patram2010.org](http://www.patram2010.org) For more information).

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**International Best Practice Workshop on the Effective Integration of Nuclear Safety and Security in Vienna, Austria from the 12-14th October 2010.**

(Visit <http://www.wins.org> for more information).

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**IAEA Safeguards Symposium**

November 1-5, 2010

Vienna, Austria

(See page 3 for more information).

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**China International Nuclear Symposium in Beijing 23-25**

November 2010 (Visit <http://www.wna-symposium.org/china>

for more information).

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**International Best Practice Workshop on External Response Forces in Vienna, Austria from the 2nd - 3rd December 2010.**

(Visit <http://www.wins.org> for more

information).

\*\*\*\*\*

**52nd INMM Annual Meeting**

July 17-21, 2011

Desert Springs JW Marriott Resort & Spa

in Palm Desert, CA USA

(Visit [www.INMM.org](http://www.INMM.org) for more information).

*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 +43-1-2600-26304; e-mail: [a.odulaja@iaea.org](mailto:a.odulaja@iaea.org)*

**Member news**

The Director General of IAEA recently announced the names of staff members who have received Merit Awards in 2010. Merit Awards are given to staff members whose performance has been exceptionally meritorious. Congratulations to the following members of INMM, Vienna Chapter, who were among this year's recipients of this coveted award.



**Traci Renee NEWTON**  
Division of Operations B  
Department of Safeguards



**Jean-Maurice Andre CRETE**  
Division of Concepts and Planning  
Department of Safeguards



**Florence VIVES**  
Division of Operations A  
Department of Safeguards



**Fabian RORIF**  
Division of Operations C  
Department of Safeguards



**Tomas STEPANEK**  
Division of Information Management  
Department of Safeguards



**Thomas JEFFREY**  
Division of Operations C  
Department of Safeguards  
(receiving his award from the Director of the Division—standing left)



**Peter Byron WELLS**  
Division of Nuclear Installation Safety  
Department of Nuclear Safety and Security

## Safeguards Symposium: Preparing for Future Verification Challenges

In November 2010, the International Atomic Energy Agency (IAEA) will host an international safeguards symposium, in cooperation with the European Safeguards Research and Development Association (ESARDA) and the Institute of Nuclear Materials Management (INMM). The purpose of this event is to foster dialogue and information exchange between the IAEA and experts from Member States, the nuclear industry and the broader nuclear non-proliferation community. The focus of this year's symposium is how best, from a technical perspective, to prepare for future verification challenges during this time of change.

The nuclear landscape is evolving, offering both challenges and opportunities to the IAEA and its Member States. Global interest in nuclear power generation is increasing. This expansion will bring additional nuclear activities, facilities and more nuclear material under safeguards around the globe. It also suggests growing international nuclear cooperation and trade in nuclear and related equipment, items and materials. All this is likely to significantly increase the IAEA's safeguards activities.

With technological progress, the IAEA will need to be prepared to safeguard new, more advanced and larger scale nuclear fuel cycle facilities. At the same time, future nuclear technology and facilities may be designed to be more proliferation resistant and safeguards friendly. Scientific and technological progress can also help improve the evaluation of information and enhance detection capabilities, as well as provide further opportunities to improve both safeguards implementation and organizational effectiveness and efficiency.

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(Assistant Scientific Secretary)  
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www.iaea.org/meetings  
CS-10A

As the world gives more attention to nuclear disarmament, so the IAEA may also be requested to take on further verification tasks, for example, in relation to fissile material declared as excess to defence requirements.

Of course, just as it rightly considers challenges yet to come, the IAEA will still need to continue addressing those it already faces today. In recent years, a number of developments have tested the nuclear non-proliferation regime and have led to increasing expectations of the IAEA safeguards system. Proliferation risks related to globalisation — such as covert supply of nuclear and related technology as well as the greater availability of proliferation-

sensitive information — are likely to grow.

All these developments highlight the evolving nature of the IAEA's operating environment and the importance of adapting to change and continually improving both the effectiveness and the efficiency of the safeguards system. By bringing together the leading experts in the field from across the world, the 2010 safeguards symposium aims to provide an opportunity for stakeholders jointly to explore possible solutions to the various current and future challenges outlined above in support of the IAEA's nuclear verification mission. ♦

## Update on preparation for the Science Fair 2011

Progress continues to be made towards the INMM Vienna Chapter's plan to hold a Science and Engineering Fair for students in Spring 2011. The aim is to promote science and engineering subjects in schools and encourage the younger generation to pursue careers in different scientific and engineering fields. The science and engineering fair is scheduled to take place on 26th March 2011 at the American International School, Vienna, Austria. A large number of number of students is expected to participate in the Fair. Each participating student will receive a certificate while several gift awards will be given to projects judged to be exceptional in each of entry categories.

We look forward to a successful science and engineering fair that will elicit the best ideas that could propel the advancement of science engineering in the next generation.

A temporary web page has been set up ([http://www.savic.ca/inmm\\_vienna/index.html](http://www.savic.ca/inmm_vienna/index.html)) to facilitate efficient management of the Fair. **Mr. John**

**Kinney** is the Science Fair coordinator. His contact is: Room A1917, IAEA, PO Box 200, Wagramerstr 5, 1400 Vienna, Austria. Phone +4312600 ext. 24699. Email: [j.kinney@iaea.org](mailto:j.kinney@iaea.org).

The following have volunteered to serve in different functions relating to the organization of the Science Fair:

**Science Fair Coordinator:** John Kinney (assisted by the Chapter's President, Marco Marzo)

**Registrar:** Dapo Odulaja

**Assistant registrars:** Faisal Ajje; Jean Maurice Crete

**Secretary:** Sofya Hambaryan

**Treasurer:** Diane Fischer

**Website design coordinator:** Dobrica Savic

**Website content coordinator:** Therese Renis

**Sponsorship coordinator:** Laura Rockwood

**Assistant sponsorship coordinators:** Lisa Hilliard; Roger Howsley; Violet Alexandrian; Rahim Abdur

**Banquet organizer:** Anthony Lavietes  
**Assistant banquet organizer:** Svetlana Abakumova

**Logistic coordinator:** Fabian Rorif  
**Assistant logistic coordinators:** Brian Green; Heikki Saukonen

**Judging coordinator:** Bernie Weiss

**Assistant judging coordinators:** John Kinney; Eva Gyane

**Stock keeper:** Kelvin Holm

**Assistant stock keeper:** Violet Alexandrian

There are many areas where help is still needed. One prominent area is the need for judges during the Science Fair. All members are called upon to volunteer when the calls are out. Your participation and support will help in realizing our goal.

Please visit our new website ([http://www.savic.ca/inmm\\_vienna/index.html](http://www.savic.ca/inmm_vienna/index.html)) and send us comments and suggestions to help improve on it. ◆

## Institute of Nuclear Materials Management (INMM) 51<sup>st</sup> Annual Meeting

By Eva Gyane

The 2010 INMM Annual Meeting took place from 11-15 July 2010 at the Baltimore Marriott Waterfront Hotel, USA. I participated in the event after my paper was selected in an internal contest sponsored by IAEA's Department of Safeguards for presentation at this year's conference. About 800 conference participants from all over the world, in particular from US institutes and labs, attended the event. The IAEA was represented by about eight staff members, including the former DDG-SG, Mr. Olli Heinonen.

This year saw an all-time high of more than 500 papers presented at the Annual Meeting, which required a major organizational effort. Every day, there were about 10 parallel sessions centred around topics such as international safeguards, non-proliferation and arms control; materials control and accountability; waste management; packaging and



*Eva and Olli at the 51st Annual meeting of the INMM*

transportation; and physical control. IAEA staff presented papers on training of inspectors, world nuclear trade data, the ISIS Re-engineering Project, environmental sampling, and information-driven safeguards.

The conference highlighted several emerging technologies in the areas of safeguards by design, the various aspects of safeguarding and monitoring of gas centrifuge enrichment plants, non-destructive assay (in particular the de-

velopment of mechanically cooled germanium detectors and antineutrino detectors), environmental sampling including air monitoring, the monitoring of research reactor operations by measuring the activation of non-nuclear reactor materials, virtual reality and many others.

The papers presented at INMM annual meetings provide conference participants with a first-hand update on the latest developments in the topical areas covered by the INMM. These meetings thus provide an excellent opportunity for professional development and I hope that the IAEA will continue to encourage the participation of its staff members in this important conference. I would like to take this opportunity to thank all those who supported my participation in the 2010 INMM Annual Meeting. ◆

# VIENNA CHAPTER AT 30 ... ECHOES FROM THE PAST

This is to inform you that as of today I have received the membership dues for the year 1986/1987 from the following members and prospective members of the Vienna Chapter of INMM.

- |                             |                      |
|-----------------------------|----------------------|
| * 1. Mr. Tom Shea           | *2. Mr. T. Beetle    |
| 3. Mr. Ved Narang           | 4. Mr. N. Saied      |
| 5. Mr. John Oakberg         | 6. Mr. Jack Graig    |
| 7. Mr. D. Thurman           | 8. Mr. D. Terry      |
| 9. Mr. C. Bates             | 10. Mr. W. Theis     |
| 11. Mr. M. Ferraris         | 12. Mr. R. Agu       |
| 12. Mr. J. Ikenberg         | 14. Mr. J. Bracey    |
| 13. Mr. M. Hooya            | 16. Ms. C. Morimoto  |
| 17. Mr. Y. Abushady         | 18. Mr. I. Badawy    |
| 19. Mr. P. Terpus           | 20. Mr. G. Madueme   |
| 21. Mr. J. Janov (85/86/87) | 22. Mr. W. Scherzer  |
| 23. Mr. M. Donoho           | 24. Mr. D. Schreiber |
| 25. Mr. R. Schaerf          |                      |

Please find enclosed membership dues for the year 1986/87 from the following members (or prospective members) of the Vienna Chapter of INMM.

- |                               |                         |
|-------------------------------|-------------------------|
| 1. Mr. D. Rundquist           | 19. Mr. A. Kamalino     |
| 2. Mr. B. Kirkendall          | 20. Mr. J. Powers       |
| 3. Mr. T. Sherr               | 21. Mr. R. Bartell      |
| 4. Mr. K. Schaerf             | 22. Mr. R. Diaz-Duque   |
| 5. Mr. E. Szabo               | 23. Ms. L. Rockwood     |
| 6. Mr. G. Nowotny             | 24. Mr. R. Cibrian Uzal |
| 7. Mr. C. Buechler            | 25. Mr. J-Y. Lefebvre   |
| 8. Mr. E. Kuhn (1985/86 only) | 26. Mr. E. Yellin       |
| 9. Mr. J. Omar                | 27. Mr. A. Rachev       |
| 10. Mr. R. Abedin-Zadeh       | 28. Mr. W. Bellew       |
| 11. Mr. J. Fager              | 29. Mr. R. Griggs       |
| 12. Mr. G. Dillon             | 30. Mr. T. Cooper       |
| 13. Mr. E. MacDougall         | 31. Mr. B. Hassan       |
| 14. Mr. W. Alston             | 32. Mr. V. Schulein     |
| 15. Mr. A. Hassan             | 33. Mr. A. Lumetti      |
| 16. Mr. K. Taylor             | 34. Mr. S. Krpo         |
| 17. Mr. J. Regnier            | 35. Mr. R. Thiele       |
| 18. Mr. P. Strugar            | 36. Mr. R. Parsick      |
| 19. Mr. A. Ramalho            | 37. Mr. G. Hough        |
| 20. Mr. J. ...                | 38. Mr. J. Nardi        |

The membership of the Vienna Chapter of INMM included, and continues to include, many women and men of caliber in the field of nuclear material management. Consider this list of members in 1986/1988! Membership strength was relatively higher than now and interaction between members was also more frequent (see the excerpt below from the "INMM News" in the January 1987 edition of JNMM).

Do you personally know any of the people on this list? Please share 'memories' of your interaction with them in the next issues of INMM-VC Forum.

Please find enclosed payment of membership dues for FY88 (1 Oct. 87 to 30 Sept. 88) for 49 Vienna Chapter members.

The payment consists of two personal cheques, one Visa card authorization, and a bank draft for \$2085 (45 X \$45 plus 1 X \$60\*).

The members covered are:

- |                    |                           |
|--------------------|---------------------------|
| 1. Mr. W. Alston   | 16. Mr. M. Yousif         |
| 2. Mr. A. Ramalho  | 17. Mr. K. Schaerf        |
| 3. Mr. G. Madueme  | 18. Mr. R. Diaz-Duque     |
| 4. Mr. J. Janov    | 19. Mr. K. Taylor         |
| 5. Mr. R. Olsen    | 20. Mr. B. Panthene       |
| 6. Mr. E. Kerr     | 21. Mr. P. Karasuddhi     |
| 7. Mr. M. Pakan    | 22. Mr. J. Ikenberg       |
| 8. Ms. C. Morimoto | 23. Mr. J. Griggs         |
| 9. Mr. P. Franssen | 24. Mr. P. O'Hara         |
| 10. Mr. P. Bull    | 25. Mr. P. Palafox-Garcia |
| 11. Mr. A. Hassan  | 26. Mr. N. Harms          |
| 12. Mr. S. Krypo   | 27. Mr. J. Fager          |
| 13. Mr. J. Omar    | 28. Mr. A. Al-Hani        |
| 14. Mr. D. Terrey  | 29. Mr. J. Hill           |
| 15. Ms. S. Johnson | 30. Mr. T. Canada         |

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| 31. Mr. A. Lumetti                 | 41. Mr. W. Scherzer                  |
| 32. Mr. G. Dillon*                 | 42. Mr. M. Yokosawa                  |
| 33. Mr. B. Kirkendall              | 43. Mr. R. Thiele                    |
| 34. Mr. B. Gonzalez del Valle Pora | 44. Mr. O. Reinsonen                 |
| 35. Mr. B. Hassan                  | 45. Mr. U. Wenzel                    |
| 36. Mr. A. Rachev                  | 46. Mr. W. Baha                      |
| 37. Mr. Y. Abushady                | 47. Mr. R. Abedin-Zadeh              |
| 38. Mr. S. Morsy                   | 48. Mr. V. Schulein                  |
| 39. Mr. B. Barnes                  | 49. Mr. D. Odan                      |
| 40. Mr. A. Ironside                | 50. Mr. M. Dolpho                    |
|                                    | 51. Mr. J. Vidaurte - PL CA 42/16-87 |

In addition the following members having indicated to me that they have made payments directly to your office:

- Mr. T. Wada  
Mr. T. Beetle  
Mr. J. Larrimore  
Ms. A. Roisman  
Mr. J. Jaech  
Mr. J. Oakberg

2. Please also find enclosed membership application forms for:

- Mr. P. Franssen  
Mr. D. Oden  
Mr. P. Bull  
Mr. J. Hill  
Mr. U. Wenzel  
Mr. A. Ratnatunga

3. Nine completed Member Surveys are also included.

May I take this opportunity to wish you and your colleagues a Merry Xmas and a Happy New Year.

Yours sincerely,

*J. Janov*  
J. Janov  
Treasurer  
Vienna Chapter INMM

cc: Mr. E. Kerr  
Mr. N. Harms

Excerpt from "INMM News" in the January 1987 edition of JNMM .....

## Vienna

The Vienna Chapter of the INMM is unique in that its members share an exclusive interest in international safeguards. Members of the Vienna Chapter (more than 90 at present and heading for 100) are either employees of the International Atomic Energy Agency or representatives of the various Vienna-based diplomatic missions of IAEA Member States. Working together within the same building each day, our interests are very closely aligned and the Chapter is able to have one or two successful meetings each month, mostly luncheon meetings in the restaurant at the Vienna International Centre. The IAEA itself is an official sponsor of the INMM, and the Agency fully supports Chapter activities.

## Current officials:

President:	Marco Marzo	<a href="mailto:m.marzo@iaea.org">m.marzo@iaea.org</a>
Vice-President:	Therese Renis	<a href="mailto:t.renis@iaea.org">t.renis@iaea.org</a>
Treasurer:	Diane Fischer	<a href="mailto:d.fischer@iaea.org">d.fischer@iaea.org</a>
Secretary:	Adedapo Odulaja	<a href="mailto:a.odulaja@iaea.org">a.odulaja@iaea.org</a>
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[WWW.INMM.ORG](http://WWW.INMM.ORG)  
[WWW.SAVIC.CA/INMM\\_VIENNA/](http://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>

## SUBMIT YOUR PAPERS TO JNMM

Are you looking for an additional outlet for your articles? Consider submitting your paper to the Journal of Nuclear Materials Management.

INMM's Journal of Nuclear Materials Management is a quarterly peer-reviewed technical journal. Each paper that is submitted to the Journal is assigned to an associate editor and reviewed by three reviewers. Most often, the reviewers make recommendations and offer constructive criticisms to improve the paper. These comments are forwarded to the author through the JNMM Technical Editor. The initial review generally takes 90 days.

The author then implements the recommendations and resubmits the paper for additional review. This second review generally takes less time. Once a paper is accepted for publication, the author is notified via e-mail and the paper is published in the next available issue.

It is a simple but important process that ensures that the JNMM is a high-quality journal.

JNMM imposes no deadlines for submitting an article. Simply submit your paper whenever it is ready. Send your paper as a Word document by e-mail to

Managing Editor Patricia Sullivan ([psullivan@inmm.org](mailto:psullivan@inmm.org)). Images and photographs should be sent as high-resolution image files, preferably in TIFF format.

Note: JNMM only publishes original work. Papers that were published in the Annual Meeting Proceedings before they were submitted to the Journal will not be considered for publication in JNMM except the opening and closing plenary speeches, the JNMM Roundtable, and the winning papers in the J. D. Willams Student Paper Award program. ♦

## 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; Nonproliferation and Arms Control; Packaging and Transportation; Physical Protection; and Waste Management.

For more information, visit [www.inmm.org](http://www.inmm.org). ♦