

## INMM-VC Forum

### President's Note

Since the beginning of this year, our energy has been fully directed towards organizing the 2011 Science and Engineering Fair. It is scheduled to come up on Saturday 26 March at the American International School, Vienna. We currently have over 45 projects submitted by over 85 students from 5 international schools in Vienna. A wide range of projects titles have been submitted and we look forward to an interesting display of talents by these upcoming scientists. Participating students and their teachers have shown enthusiasm and are working hard to put up innovative display of brilliant science and engineering ideas. Our host school, American International School, has provided full support and final touches are being put into the logistics. Members of the Science Fair committee, under the able leadership of John Kinney, are working hard to ensure that no stone is left unturned. A number of Sponsors have come forward to support the Science Fair. Calls have gone out for judges and several people have volunteered. Arrangements are also on-going for the Science Fair awards banquet coming up on 31 March at the VIC restaurant. I have no doubt that it is going to be a very successful event. We need all hands on the deck. There are many areas each of us can contribute towards the success of the Fair. I look forward to seeing you all at the events. A full report on the Science Fair will be included in the next issue of our newsletter - *INMM Forum*.

Kindly pass copies of this newslet-

ter to friends and colleagues who are not INMM members, and encourage them to become members.

Finally, I wish to express the Vienna Chapter's condolences and sympathies to the people of Japan, to the government of Japan, to the members of the INMM Japan Chapter,

and to our Vienna Chapter members who are Japanese, over the recent devastating earthquake and tsunami in Japan. We truly feel the pains of those who lost loved ones and livelihoods as a result of this disaster. May God give them the strength and fortitude to bear these great pains. ♦



**INMM VIENNA CHAPTER**  
INSTITUTE OF NUCLEAR MATERIALS MANAGEMENT

# 2011 VIENNA INTERNATIONAL SCIENCE AND ENGINEERING FAIR

**SATURDAY 26 MARCH 2011**  
**AMERICAN INTERNATIONAL SCHOOL VIENNA**

**PARTICIPATION**  
All Middle School and High School students from International schools in Vienna

- Each participating student will receive a certificate and ribbon
- Many awards in each project category and each division plus special awards
- Include your participation in your resume
- Improve your networking
- Project the image of your school

**FAIR SCHEDULE**

4 February 2011	Registration Due
25 March 2011	Project Display Set-up 1800 – 2000
26 March 2011	Science Fair
31 March 2011	Awards Banquet Vienna International Centre

**PROJECT CATEGORIES**

SENIOR DIVISION	JUNIOR DIVISION
Computer Science and Mathematics	Computer Science and Mathematics
Environmental Science	Life Science Animals
Biological Science	Earth and Space Science
Engineering and Technology	Life Science Plants
Chemistry and Physics	Environmental Science
Health and Human Behaviour	Machines and Technology
Earth and Space Science	Health Science
Life Science Plants	Physical Principles
	Human Behaviour

For details about registering, and the rules for participation, visit:  
[www.savic.ca/inmm\\_vienna/science\\_fair.html](http://www.savic.ca/inmm_vienna/science_fair.html)

CONFERENCES UPDATE:

**ANS International High-Level Radioactive Waste Management Conference.** April 10-14, 2011; Albuquerque Marriott, Albuquerque, New Mexico USA. ([www.INMM.org](http://www.INMM.org))

\*\*\*\*\*

**Preparing for Nuclear Arms Reduction -- Addressing Technical Transparency and Verification Challenges.** May 4-5, 2011; Monterey Institute of International Studies, Monterey, California USA. ([www.INMM.org](http://www.INMM.org))

\*\*\*\*\*

**Nuclear Engineering Science and Technology.** 15 -18 May 2011; Prague, Czech Republic. (<http://www.euronuclear.org/events/nestet/nestet2011/index.htm>).

\*\*\*\*\*

**19th International Conference On Nuclear Engineering (ICONE19).** May 16 - 19, 2011; Makuhari, Chiba, Japan. ([www.icone19.org/index.html](http://www.icone19.org/index.html)).

\*\*\*\*\*

**33rd ESARDA Annual Meeting.** May 16-20, 2011; Helia Conference Hotel, Budapest, Hungary (<http://esarda2.jrc.it/events/index.html>).

\*\*\*\*\*

**The European Nuclear Young Generation Forum - annual meeting of the European Nuclear Society.** 17 - 22 May 2011, Prague, Czech Republic. ([www.enygf.eu](http://www.enygf.eu)).

\*\*\*\*\*

**Seizing the Opportunity: Nuclear's Bright Future.** June 26-30, 2011; The Westin Diplomat, Hollywood, Florida USA ([http://www.new.ans.org/meetings/c\\_1](http://www.new.ans.org/meetings/c_1)).

\*\*\*\*\*

**52nd INMM Annual Meeting.** July 17-21, 2011, Desert Springs JW Marriott Resort & Spa in Palm Desert, CA USA. ([www.INMM.org](http://www.INMM.org)).

\*\*\*\*\*

**3rd - International Nuclear Chemistry Congress.** 18 - 23 September 2011, Sicily - Italy. (<http://3rdincc.mi.infn.it/>).

\*\*\*\*\*

**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](http://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](http://www.wna-symposium.org/china)).

\*\*\*\*\*

**3rd - International Nuclear Chemistry Congress.** 18 - 23 September 2011, Sicily - Italy. (<http://3rdincc.mi.infn.it/>).

\*\*\*\*\*

**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](http://www.iaea.org)).

\*\*\*\*\*

**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](http://www.new.ans.org/meetings/c_1))

Member news



Congratulations to **Paulo Melo Moitta**, a staunch member of INMM, Vienna Chapter, who was recently promoted to the position of Senior Inspector for State Level Coordination, in the Division of Operations A, Department of Safeguards, IAEA.

Congrats, Paulo!!

New Members of INMM Vienna Chapter (Since January 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.

- |                            |                                     |
|----------------------------|-------------------------------------|
| Enobot Agboraw             | Denis Kern                          |
| Pradeep Aggarwal           | Helmut Klose                        |
| Angelo Alessandrello       | Luis Carlos Machado da Silva        |
| Plamen Andreev             | Anita Marques Patricio              |
| Cynthia Annese             | Horst Monken-Fernandes              |
| Timothy Ayers              | Herman Nackaerts                    |
| Alicia Barrios de Reynaud  | Rebecca Stevens (transfer from USA) |
| Randall Beatty             | Sahar Shawky                        |
| Peter Colgan               | Evgeny Shilkin                      |
| Julien Elbez               |                                     |
| Rehab Eltayb Hassan Eltayb |                                     |

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)

## 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>
Member at Large:	Laura Rockwood	<a href="mailto:l.rockwood@iaea.org">l.rockwood@iaea.org</a>

Phone: +43-1-2600-26304 [WWW.INMM.ORG](http://www.inmm.org)  
[WWW.SAVVIC.CA/INMM\\_VIENNA/](http://www.savvic.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**

**A**re 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**

**E**xperienced 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). ♦





# 2011 VIENNA INTERNATIONAL SCIENCE AND ENGINEERING FAIR

SATURDAY 26 MARCH 2011

AMERICAN INTERNATIONAL SCHOOL  
VIENNA



## NEWSLETTER

March 2011

### Inside this Issue

1. The Science Fair Approaches  
What to Bring  
Safety
2. The Registration Process  
Display Areas  
Judging of Projects  
Presenting your Project to the Public  
Parking
3. The Awards Banquet  
Science Fair Schedule

Thank you for entering a project in this year's fair. The INMM hopes that you enjoyed preparing your project and will have a good time at the fair. This year we have more than 40 projects from over 80 students in the five participating schools.

Vienna International Science and Engineering Fair  
Organiser:  
*John Kinney*

For further information, contact your science teacher or Mr J. Kinney at [jkinney@iaea.org](mailto:jkinney@iaea.org)

## The Science Fair Approaches!

The Science Fair is being held at the American International School (AIS), Salmannsdorfer Strasse 47 in Vienna's 19th district. The AIS can be reached by public transport -- the 35A bus ends a few blocks before the school (n.b. it can be quite an uphill climb if you are carrying a project). If you are coming by car, there is some parking in front of the school. The AIS bus parking lot will be open during the evening of Friday, 25 March while projects are being set up, and on Saturday, 26 March.

## What to Bring

Before leaving home on Friday evening, be sure you have the following items:

- Your project display
- Your report
- If you requested electricity, be sure to bring at least a 3-metre extension cord. In some cases the outlet might not be immediately next to your display area.

## Safety

Project safety rules were distributed with the registration forms. The fair organisers may disqualify projects which do not adhere to those rules. You are reminded specifically not to include any of the following items in your display:

- Microbial cultures, fungi or moulds
- Food
- Flames or highly flammable materials
- Unshielded high voltage equipment
- Unsafe wiring, especially exposed wiring or contacts carrying more than 12 volts.

The Science Fair organisers cannot be held responsible for any loss of equipment. You are responsible for equipment you bring especially computers.

## The Registration Process

*Mr D. Odulaja, Registrar*



Registration begins at 18:00 and ends at 20:00 on Friday evening; your project must be set up before 20:00 on the Friday evening, so that judges can examine your report and study your project early Saturday morning before you get there.

When you arrive on Friday evening, access to the AIS is through the main entrance at the top of the bus parking lot. The registration desk will be immediately inside the entrance.

At the registration desk:

- pick up your registration packet. It will include your name tag, food and drink tickets, Award Banquet tickets and the location of your project location
- if family members or others would like to attend the Award Banquet, tickets should be purchased at the registration desk.

The project displays will be located in the lower gymnasium. Senior projects will be grouped together as will junior projects.

The Science Fair organisers felt that it was necessary to consolidate the number of categories for this year's

fair. Your project, however, is in a category involving similar scientific principles.

Finally, any changes to the information about your project or about you should be reported to the registration desk.

## Display Areas

*Mr F. Rorif & Mr B. Green*

Tables will be available for each project display. Each table will be covered with paper and will have a label indicating project name and identifying number.

### Table Size

The majority of display areas will have a depth of 76 cm. If that is not sufficient for your project, contact one of the Science Fair organizers for assistance.

## Judging of Projects

*Mr B. Weiss*



### Judging without students

On Saturday morning the judges will inspect all projects between 08:30 and 10:00 **WITHOUT** the students being present. Your project must be set up at that time and be understandable without you being present.

### Interviews with judges

You must be present between 10:00 and 12:00 to discuss your project with the Science Fair judges. Each project team will be interviewed separately by three to five judges. The

judges will ask you to describe and explain your project.

## Presenting your Project to the Public



After the judging, you are encouraged to discuss your project with the general public and press representatives who will be attending the fair between 14:00 and 16:00. Projects should not be removed until after the public viewing ends at 16:00, but must be removed by 17:00.

### **Parking**

#### **When you arrive.**

Enter the AIS bus parking lot from Keylwerthgasse. Please note that this is a narrow street -- be careful driving and turning. Cars may be partly for drop-off and pick-up of science projects.

#### **Entering the Science Fair**

Go to the registration desk in the foyer of the main entrance at the top of the bus parking lot. Other entrances will be locked

#### **Saturday parking**

Please do not leave cars in the bus parking lot all day Saturday, there will be other events in the school on that day.

## Science Fair Schedule

**Friday, March 25.**

**1800 to 2000** - Registration  
Pick up your registration packet in the foyer.

**Saturday, 26 March**  
**0830 to 1000** - Students arrive. Please be at your project display by 1000.

**1000 to 1200** - Interviews. Stay with your projects. You will be interviewed by a least three judges.

**1200 to 1400** -- lunch

**1400 to 1600** - Public Viewing. Stay with your project

**1600 to 1700** - Dismantling your projects.

## The Awards Banquet *Mr. A. Lavietes & Ms S. Abakumova*

The Awards Banquet will be held on the Thursday following the fair. As a participant in the fair you are invited to the Banquet: you must sign up for the Banquet at registration or during the science fair and purchase additional tickets for family and friends at the same time. Adults and young adults can purchase additional tickets at €20 each, and non-participating children (under 13) can attend for €10 each. For security and planning reasons, the Science Fair organisers need a complete list of all attendees.

The Awards Banquet will take place in the restaurant at the Vienna International Centre at 6pm. Information on the menu will follow later. Please note that there is no car access to the Vienna International Centre.

## INMM 2011 Vienna International Science & Engineering Fair Sponsors

