

### Hosted by

Federal Office of Metrology and Surveying  
University of Natural Resources  
and Life Sciences, Vienna  
Vienna University of Technology



### In cooperation with

International Atomic Energy Agency  
International Radiation Protection Association  
Austrian Radiation Protection Association

### Conference Venue

Vienna University of Technology  
Karlsplatz 13, 1040 Vienna, Austria

### Scientific Secretary (abstracts, manuscripts)

**Franz Josef Maringer**

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### Exhibition Management & Sponsorship

**Sabine Ablinger, Media-Plan**

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**Austrian**   
Official Carrier

### Important Dates

- |                       |   |
|-----------------------|---|
| <b>24 Oct 2014</b>    | <b>Deadline abstracts</b>               |
| Dec 2014              | Notification to authors                 |
| Feb 2015              | Second Announcement                     |
| Mar 2015              | Final Programme                         |
| <b>31 Mar 2015</b>    | <b>Deadline early rate registration</b> |
| <b>10 Apr 2015</b>    | <b>Deadline manuscripts</b>             |
| 12 Apr 2015           | End of Hotel rooms allocation           |
| <b>8-11 June 2015</b> | <b>Conference, WG Meetings</b>          |
| 12 June 2015          | ICRM General Meeting                    |
| <b>6 Sep 2015</b>     | <b>Deadline final manuscripts</b>       |

# 20<sup>th</sup> International Conference on Radionuclide Metrology and its Applications



**8-11 June 2015**  
**Vienna, Austria**

[www.icrm2015.at](http://www.icrm2015.at)

First Announcement  
Call for Papers



## Welcome to Vienna!

The International Committee for Radionuclide Metrology is pleased to announce that its 20<sup>th</sup> International Conference will take place at the University of Technology in the city centre of Vienna, from 8 - 11 June 2015.

The goal of this international scientific conference is the exchange of information on the development of techniques and applications of radionuclide metrology, and to encourage international co-operation. This biennial conference was recently held in June 2013 in Antwerp, Belgium (ICRM2013).

The conference will include oral and poster presentations and business meetings of the ICRM Working Groups. It is intended to publish selected conference papers after a peer review process in *Applied Radiation and Isotopes*.

Additional activities will be the General Meeting of ICRM members on 12 June 2015 at BEV headquarters, a visit to IAEA headquarters and laboratory facilities and social events. For accompanying persons special cultural and touristic activities will be offered.

We are happy to welcome you at the ICRM 2015 in Vienna in June 2015!

*Dirk Arnold*  
President ICRM

*Franz Josef Maringer*  
Scientific Secretary



### **Aims and scope**

- Developments in radionuclide metrology and activity measurement techniques
- Applications of radionuclide metrology and activity measurement techniques in e.g. nuclear science, energy, safety and security, human health and medicine, radiation protection, public health and environmental monitoring, radioecology, NORM industry, nuclear incidents and emergencies

### **Conference topics**

- Aspects of international metrology
- Intercomparisons
- Measurement standards and reference materials
- Radionuclide metrology techniques
- Alpha-particle and beta-particle spectrometry
- Gamma-ray spectrometry
- Liquid scintillation counting techniques
- Nuclear decay data
- Low-level radioactivity measurement techniques
- Radionuclide metrology in life sciences
- Source preparation techniques
- Quality assurance and uncertainty evaluation in radioactivity measurements
- Special session: Benefits of radionuclide metrology to global development – 40 years ICRM

### **Social Programme**

- Informal get-together at the conference venue
- Reception by the Mayor of Vienna, City Hall
- Vienna waltz dancing exercise at the conf. venue
- Traditional Viennese Heurigen Dinner

### **Accompanying persons programme**

- Complete social programme
- Vienna City Centre Tour
- Schönbrunn Castle + Apfelstrudel cookery course
- Guided tour Vienna Museum of Art History

**Detailed information on the  
conference homepage**



### **Scientific Committee**

Dirk Arnold, PTB (Germany)  
Marie-Martine Bé, LNE-LNHB (France)  
Christophe Bobin, LNE-LNHB (France)  
Philippe Cassette, LNE-LNHB (France)  
Alessia Ceccatelli, IAEA (International)  
Jeffrey Cessna, NIST (USA)  
Teresa Crespo, CIEMAT (Spain)  
Pierino De Felice, ENEA (Italy)  
Eduardo García-Toraño, CIEMAT (Spain)  
Arvic Harms, IAEA (International)  
Yoshio Hino, NMIJ/AIST (Japan)  
Mikael Hult, EC-JRC-IRMM (EU)  
Simon Jerome, NPL (UK)  
Lisa Karam, NIST (USA)  
John Keightley, NPL (UK)  
Matjaž Korun, IJS (Slovenia)  
Karsten Kossert, PTB (Germany)  
Marie-Christine Lépy, LNE-LNHB (France)  
Franz Josef Maringer, BEV (Austria)  
Xavier Mougeot, LNE-LNHB (France)  
Tae Soon Park, KRISS (Korea)  
Stefaan Pommé, EC-JRC-IRMM (EU)  
Guy Ratel, BIPM (International)  
Goedele Sibbens, EC-JRC-IRMM (EU)  
Octavian Sima, Univ. Bucharest (Romania)  
Mike Unterweger, NIST (USA)  
Freda van Wyngaardt, ANSTO (Australia)  
Uwe Wätjen, IRMM (retired, Belgium )  
Mike Woods, IRMC (UK)  
Akira Yunoki, NMIJ/AIST (Japan)  
Brian Zimmerman, NIST (USA)

### **Local Organising Committee**

Franz Josef Maringer (chair), BEV  
Andreas Baumgartner, BOKU  
Robert Brettner-Messler, BEV  
Michael Hajek, ÖVS  
Patrick Lobner, BEV  
Hannah Moser, BEV  
Michael Schuff, BOKU  
Claudia Seidel, BOKU  
Johannes H. Sterba, TU Vienna  
Michael Stietka, BOKU