



Paul Dickman  
General Chair  
Argonne National  
Laboratory

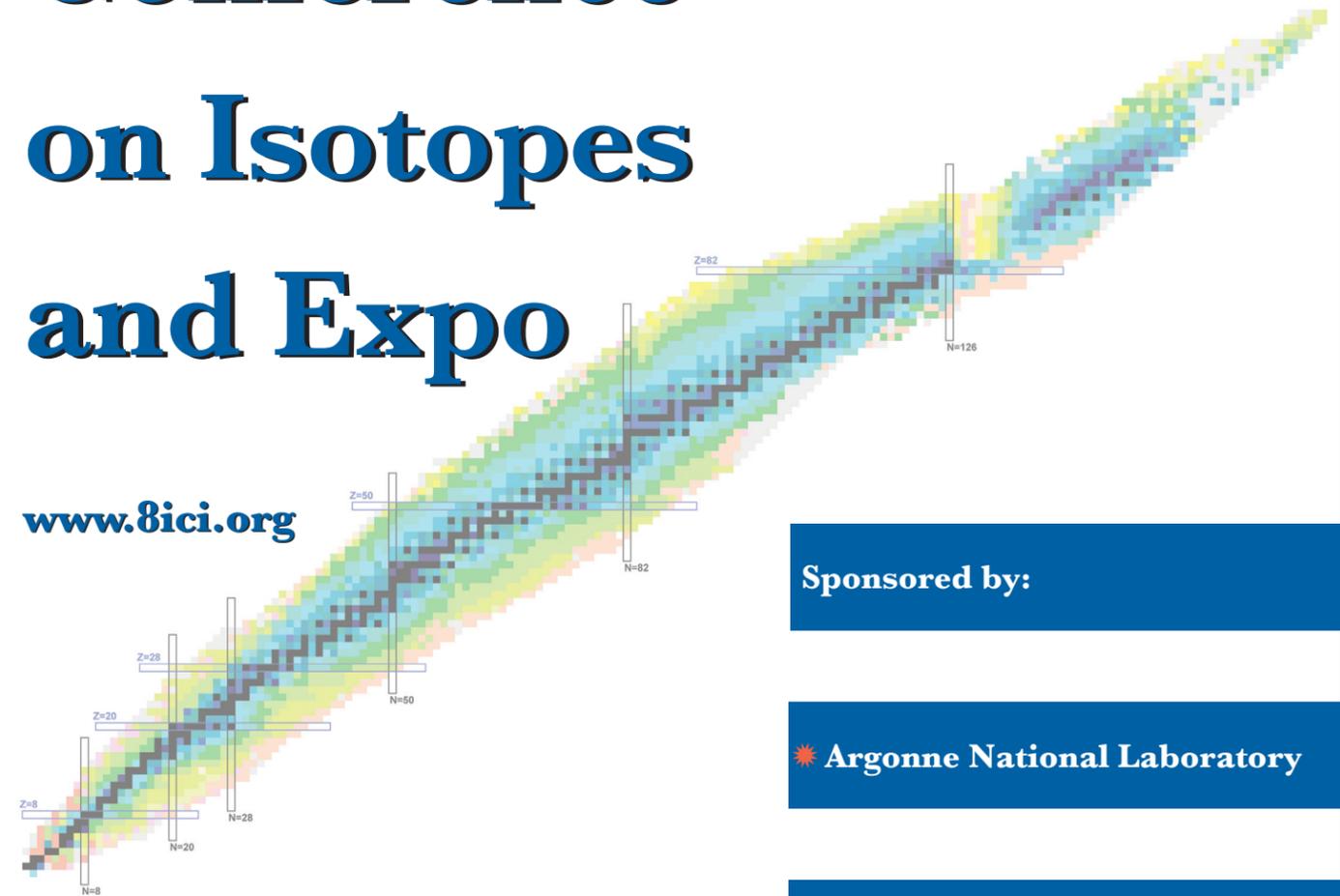
*"I am honored to invite you to Chicago, our host city, for the 8th International Conference on Isotopes and Expo."*

August 24 - 28, 2014  
Hyatt Regency Chicago



# 8<sup>th</sup> International Conference on Isotopes and Expo

[www.8ici.org](http://www.8ici.org)



Hosted by:

- American Nuclear Society
- World Council on Isotopes

Graphic credit: Brookhaven National Laboratory - Chart of Nuclides  
<http://www.nndc.bnl.gov/chart/>

Sponsored by:

- Argonne National Laboratory
- International Atomic Energy Agency
- OECD Nuclear Energy Agency

## MEETING OFFICIALS

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General Chair	Paul Dickman
Assistant General Chair	Nigel R. Stevenson
Program Co-Chair	Rolf Zeisler
Program Co-Chair	Steve LaMont
Finance Chair	James T. Tanner
Publications Co-Chair	Sam Glover
Publications Co-Chair	Bryan Bednarz

**Technical Program Committee**  
(see respective section, page 2)

### Executive Advisory Board

- IAEA (Meera Venkatesh)
- World Council on Isotopes ((Jong Kyung Kim)
- OECD-NEA (Ron Cameron)

### ANS Director of Meetings and Exhibits

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### Important Dates

January 1, 2014	Early Reservations for Expo
February 14, 2014	Submission of Abstract
March 21, 2014	Notification to Authors
July 18, 2014	Cut-off for Early Registration
August 2, 2014	Cut-off for Room Reservations
August 29, 2014	Full Manuscripts Due

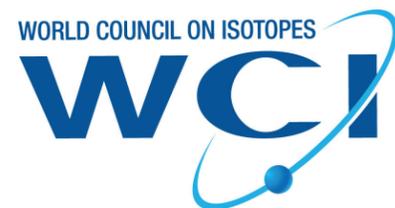
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## ORGANIZED BY



American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, Illinois 60526  
U.S.A.



World Council on Isotopes  
14-5 Gaepo-Dong Gangnam-Gu  
Seoul #135-988  
Korea

## SCIENCE PROGRAM

The **Technical Program Committee** co-chaired by Rolf Zeisler, *National Institute of Standards and Technology*, and Steve LaMont, *Los Alamos National Laboratory*, is forming the plenary and technical program sections of the conference so that they will be of equal interest to the scientific community and representatives of business.

Ben Babst, *Brookhaven National Laboratory, USA*

Bryan Bednarz, *University of Wisconsin, Madison, USA*

Steven R. Biegalski, *University of Texas Austin, USA*

Mauro Bonardi, *Università degli Studi di Milano, Italy*

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Flavia Groppi, *Università degli Studi di Milano, Italy*

Richard Henkelmann, *Isotope Technologies Garching, Germany*

Lin, Wen Hu, *Massachusetts Institute of Technology, USA*

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Simon Jerome, *National Physical Laboratory, UK*

Suzanne Lapi, *Washington University St. Louis, USA*

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Alfred Morgenstern, *JRC Institute for Transuranium Elements, Germany*

F. Meiring Nortier, *Los Alamos National Laboratory, USA*

Sean O'Kelly, *National Institute of Standards and Technology, USA*

Tim, Payne, *Australian Nuclear Science and Technology Organization, Australia*

Syed M. Qaim, *Forschungszentrum Juelich GmbH, Germany*

Natesan Ramamoorthy, *Bhabha Atomic Research Centre, India*

Stephan Richter, *JRC-IRMM, Belgium*

J. David Robertson, *University of Missouri, USA*

Buck Rogers, *Washington University St. Louis, USA*

Wolfgang H. Runde, *Los Alamos National Laboratory, USA*

Tom Ruth, *TRIUMF, Canada*

Sally W. Schwarz, *Washington University School of Medicine, USA*

Suresh Srivastava, *Brookhaven National Laboratory, USA*

Andreas Türler, *Paul Scherrer Institut, Switzerland*

Kenan Ünlü, *Pennsylvania State University, USA*

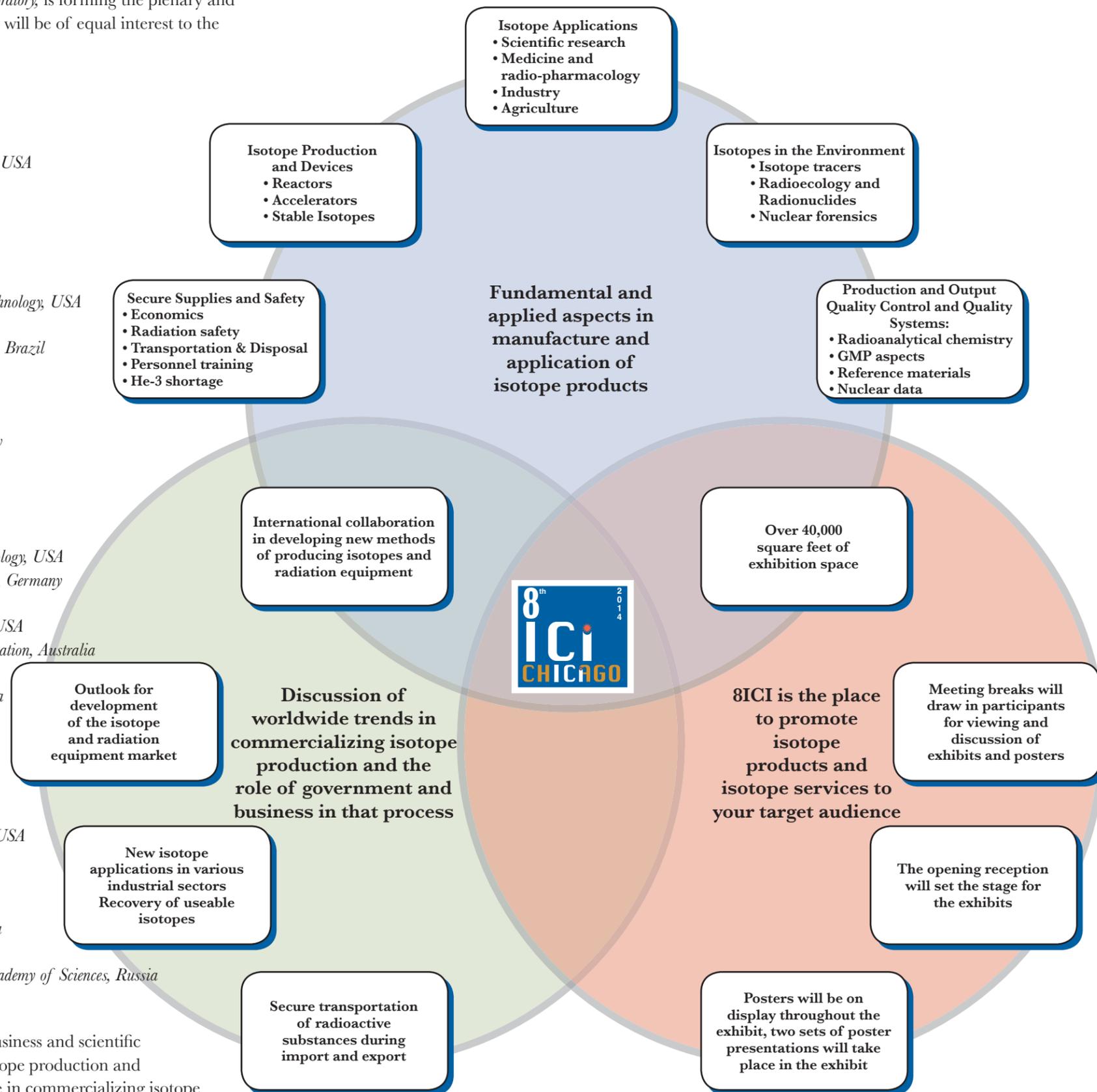
Meera, Venkatesh, *International Atomic Energy Agency, Austria*

James S., Welsh, *Fermi National Accelerator Laboratory, USA*

Boris, Zhuikov, *Institute for Nuclear Research of the Russian Academy of Sciences, Russia*

## BUSINESS PROGRAM

The business program of the conference addresses the business and scientific communities with opportunities to examine trends in isotope production and applications of isotope products, international experience in commercializing isotope production, and the roles of government and business in that process. Leaders in the global isotope market, and representatives of government ministries and agencies and the international business communities will take part in panel, round, table, and open discussions during the business program.



## PRELIMINARY SCHEDULE

### Sunday, 24 August, 2014

13:00 - 17:30 On-site Registration & Paper Desk  
 16:00 - 17:30 Opening Ceremony & Lecture  
 18:00 - 21:00 Exhibition & Reception

### Monday, 25 August, 2014

08:00 - 17:30 On-site Registration & Paper Desk  
 08:30 - 10:00 Plenary Session  
 10:00 - 10:30 Coffee Break  
 10:00 - 17:30 Exhibition & Posters  
 10:30 - 12:00 Plenary Session  
 12:00 - 13:00 Lunch Break  
 13:00 - 15:00 Technical Sessions (*up to 4 parallel*)  
 15:00 - 15:30 Coffee Break  
 15:30 - 17:30 Technical Sessions (*up to 4 parallel*)

### Tuesday, 26 August, 2014

08:00 - 17:30 On-site Registration & Paper Desk  
 08:00 - 10:00 Plenary Session  
 10:00 - 10:30 Coffee Break  
 10:00 - 17:30 Exhibition & Posters  
 10:30 - 12:00 Plenary Session  
 12:00 - 13:30 Lunch Break & Poster Viewing  
 13:30 - 15:30 Poster Presentation A & Coffee Break  
 15:30 - 18:30 Technical / Business Sessions (*up to 4 parallel*)

### Wednesday, 27 August, 2014

08:00 - 17:30 On-site Registration & Paper Desk  
 08:00 - 10:00 Plenary Session  
 10:00 - 10:30 Coffee Break  
 10:00 - 17:30 Exhibition & Posters  
 10:30 - 12:00 Technical Sessions (*up to 4 parallel*)  
 12:00 - 13:30 Lunch Break & Poster Viewing  
 13:30 - 15:30 Poster Presentation B & Coffee Break  
 15:30 - 17:30 Technical / Business Sessions (*up to 4 parallel*)  
 19:00 - 21:00 Conference Banquet

### Thursday, 28 August 2014

08:00 - 12:30 On-site Registration & Paper Desk  
 08:00 - 10:00 Technical Sessions (*up to 3 parallel*)  
 10:00 - 10:30 Coffee Break  
 10:00 - 13:00 Exhibition  
 10:30 - 12:00 Closing Plenary Session  
 13:00 - 17:30 Technical Excursions (*2 Venues*)

## EXPO

Exhibiting at the 8ICI Expo provides an opportunity to display your technology and services to industry leaders. This premier expo is supported by the American Nuclear Society and provides the potential to learn, interact, and make face to face connections with the expected 800 plus attendees. The exhibit is an opportunity to meet colleagues from this international community in an informal setting and to lay groundwork for future collaboration.