

DOHA 2017

9ICI قطر

9th international conference
on isotopes & expo - Qatar

November
12-16, 2017

Hosted by
Qatar Physics Society

The Marriott Marquis
City Center Doha Hotel

www.9ici.org

9th INTERNATIONAL CONFERENCE
ON ISOTOPES & EXPO DOHA 2017

Partners



IAEA
International Atomic Energy Agency



Organisers



Sponsor



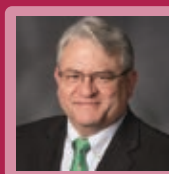
Conference Chair



Prof. Ilham Al-Qaradawi

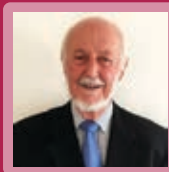
Qatar University
Qatar Physics Society

Program Co-Chairs



Paul Dickman

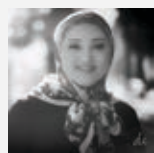
Argonne National
Laboratory
USA



Rolf Zeisler

National Institute
of Standards and Technology
USA

Local Organising Committee



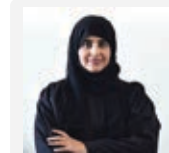
Prof. Ilham Al-Qaradawi

Qatar University
Qatar Physics Society



**Dr. Huda Mohd
Al-Naomi**

Hamad Medical
Corporation



**Prof. Mariam
Almaadeed**

Qatar University



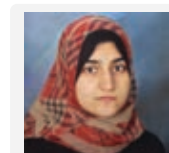
Dr. Jim O' Doherty

NIHR Biomedical
Research Centre at Guy's
and St Thomas' NHS
Foundation Trust and
King's College London



Dr. Deepak Kaura

Sidra Medical and
Research Centre



Dr. Dana Al-Abdulmalik

Qatar University



9 ICI Host Organization Contacts:

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President, Qatar Physics Society
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amany@qatarphysics.org
Email: info@9ici.org

Corey Hinderstein

President Institute of Nuclear Material Management

Andrew Klein

President American Nuclear Society

William Magwood

Director General Organization for Economic Co-operation and Development-Nuclear Energy Agency

Zhifu LUO

Director of the Department of Isotope China Institute of Atomic Energy

Dale E. Klein

Associate Vice-Chancellor University of Texas System

Ramzi Jammal

Executive Vice-President and Chief Regulatory Officer Canadian Nuclear Safety Commission

Jong-Kyung Kim

Past president Korean Atomic Energy Research Institute Professor, Hanyang University

Myung-Chul Lee

President Korean Academy of Science and Technology

Boris Zhuikov

Head of Laboratory of Radioisotope Complex Institute for Nuclear Research of Russian Academy of Science

 Journal Review Committee

Jong-Kyung Kim

Past president Korean Atomic Energy Research Institute Professor, Hanyang University

Andrew Klein

American Nuclear Society and Oregon State University

Rolf Zeisler

National Institute of Standard and Technology



Plenary Speakers

Ilham Y. Al-Qaradawi – Qatar

Professor of Nuclear Physic

Qatar University

President Qatar Physics Society

Xiaolin HOU – Denmark

Center for Nuclear

Technologies Technical

University of Denmark

Nigel R. Stevenson - US

Chief Operating Officer

Serene LLC

Simon Jerome - UK

Head of Radiochemistry

National Physical Laboratory

Zhifu LUO – China

Director of the

Department of Isotope

China Institute of Atomic Energy

Jong-Kyung Kim - Korea

Past president Korean Atomic

Energy Research Institute

Professor, Hanyang University

Mary Alice Hayward - International

Deputy Director General

International Atomic Energy Agency

Andreas Türlér – Switzerland

Director

Laboratory of Radiochemistry

Paul Scherrer Institute

Official Carrier for 9 ICI



www.9ici.org

* For discount and Promo code please check the conference website.



Van Zyl de Villiers - International

President, WCI and Director
Division of Operations B
Department of Safeguards
International Atomic Energy Agency

Prof. Zhifang CHAI – China

CAS Academician
Institute of High Energy Physics
Chinese Academy of Sciences

Monica Regalbuto - US

Former Assistant Secretary
U.S. Department of Energy

Meera Venkatesh - International

Director
Division of Physical and Chemical Sciences in
the Department of Nuclear Applications
International Atomic Energy Agency

William Magwood - International

Director General
Organization for Economic
Co-operation and Development-
Nuclear Energy Agency
[Invited]

Kathryn McCarthy – Canada

Vice-President
Research & Development
Canadian Nuclear Laboratories

Ramzi Jammal – Canada

Executive Vice-President and
Chief Regulatory Officer
Canadian Nuclear
Safety Commission

Jae Joo HA - International

Director
Division of Nuclear Development
OECD/NEA

Syed M. Qaim – Germany

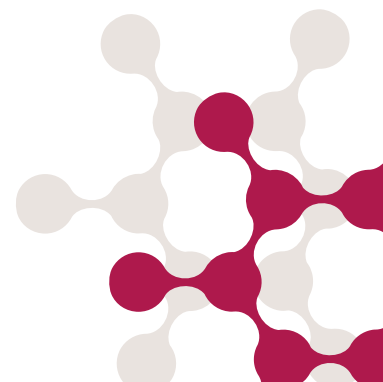
ForschungszentrumJuelich

Boris Zhuikov – Russia

Head of Laboratory
Radioisotope Complex Institute
for Nuclear Research
Russian Academy of Science

Virginia Tzapaki - International

Secretary General
International Organization for
Medical Physics (IOMP)
Konstantopoulio General Hospital Athens
Greece



Conference Topics:

- Policy, Economics, and Global Impact of Isotope Production and Use
- Design, Construction, Operation and Decommissioning of Production Facilities
- Security of Supply, Safety, and Transportation
- Quality Assurance and Quality Control
- Isotope Research and Applications
- Isotope Production and Devices
- Isotopes in the Environment



Special Topics:

Opening Plenary:

Isotope Innovation Through Global Collaboration is the theme for the 9th ICI with a focus on the future of isotope technology. Our plenary speakers come from diverse technical and regional political backgrounds. Intending to stimulate and motivate, the 9th ICI Opening Plenary will welcome delegates and challenge them to seek collaboration and excellence.

Marie Curie 150th Birthday Plenary:

In the history of science, only one person has ever been awarded two Noble Prizes in separate scientific fields of study. Marie Skłodowska Curie shared a Noble Prize for Physics in 1903 with her husband Pierre Curie and with Henri Becquerel. Later she was the sole recipient of the 1911 Noble Prize for Chemistry. Recognized by many as a founder of field of radiochemistry, Madame Curie represents more than a brilliant scientist but someone who broke the barriers for women scientists to receive the recognition they deserved. Join us as we celebrate this remarkable scientist and the role of women in nuclear sciences and how they are changing the world.

World Council on Isotopes (WCI) President's Forum: Which "S" matters most for the isotope industry?

On Wednesday morning, join WCI President Van Zyl de Villiers and incoming WCI President Nigel Stephenson for a special plenary on policies that may affect future supplies of isotopes. World-renowned experts will discuss the relative importance of Security of Supply, commercial Sustainability, environmental Sustainability, Safeguards, radiation Safety and nuclear Security in the entire isotope value chain, from R&D through production and distribution to end-use. Thought provoking and sometimes controversial, the WCI President's Forum is a great way to spark discussion among participants during the networking opportunities.

International Medical Physics Day:

For the first time, the ICI will welcome the Middle East Federation of Organizations of Medical Physics (MEFOMP) a regional organization member of the International Organization for Medical Physics (IOMP) as a partner of 9ICI. In celebrating the International Day of Medical Physics (IDMP) 2017, a special plenary will be held to recognise advancements in medical physics and their growing importance in medical industry in the Middle East.

Technical Tours:

Arrangements for key technical tours and site visits to isotope facilities and related organizations in Qatar will be available during the conference on Thursday 16th November.

These will include visits to: National Centre for Cancer Care and Research (NCCCR), PET Centre, and Sidra Medical and Research Centre.

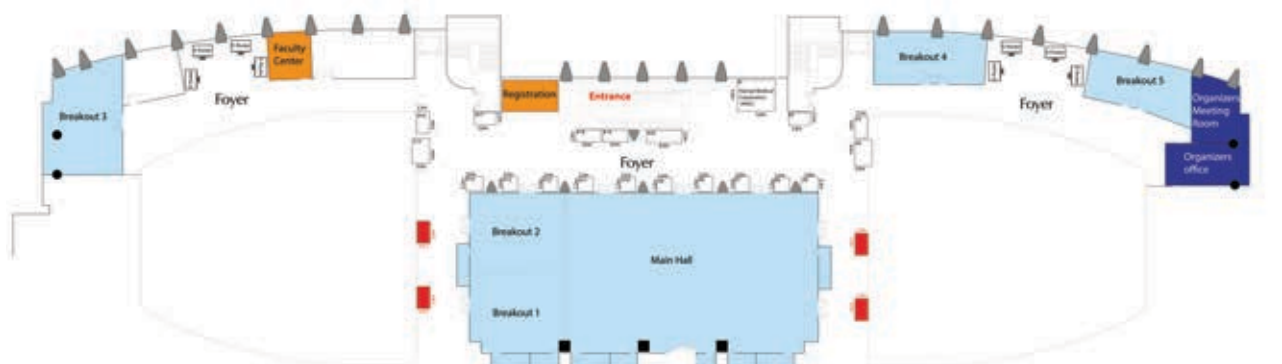
Daily Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY
9:00 – 16:00 Optional Cultural Tours	7:00 – 18:00 Registration	7:00 – 18:00 Registration	7:00 – 13:00 Registration	7:00 – 12:00 Registration
12:00 – 20:00 Registration	8:30 – 10:00 Monday Plenary	8:30 – 10:00 Tuesday Plenary	8:00 – 09:30 Technical Sessions 30-37	8:00 – 10:00 Technical Sessions 38-45
12:00 – 17:00 Exhibit Setup	10:00 – 10:20 Coffee Break and Networking	10:00 – 10:20 Coffee Break and Networking	9:30 – 10:00 Coffee Break and Networking	10:00 – 10:20 Coffee Break and Networking
12:00 – 14:00 WCI Annual Meeting	10:20 – 12:00 Topical Plenary 1 & 2	10:20 – 12:00 Topical Plenary 3 & 4	10:00 – 12:30 World Council on Isotopes President's Forum	10:20 – 12:30 Thursday Plenary
18:00 – 20:00 Welcome Reception and Exhibition	12:00 – 13:00 Lunch	12:00 – 13:00 Lunch	12:30 – 13:30 Lunch	12:30 – 13:30 Lunch
	13:00 – 15:00 Technical Sessions 1-7	13:00 – 15:00 Technical Sessions 15-21	12:30 – 13:30 Lunch	13:30 – 15:30 WCI-9ICI Closing Ceremony and Plenary
	15:00 – 15:20 Coffee Break and Networking	15:00 – 15:20 Coffee Break and Networking	13:30 – 17:30 Networking Events and Tour	15:30 – 17:30 Technical Tours and Networking
	15:20 – 18:00 Technical Sessions 8-14	15:20 – 18:00 Technical Sessions 22-29	19:00 – 20:00 Conference Banquet	
	13:00 – 18:00 Panel	13:00 – 18:00 Panel		

Conference Venue



Floor Plan



Isotope Innovation Through Global Collaboration

Cultural Tours & Networking Opportunities

Enhance your networking and experience the cultural of the Middle East and Arabian Gulf. Special arrangements are being made for cultural tours to places of interest in Qatar for participants during the conference on Wednesday afternoon. Following this on Wednesday evening, you will be enjoying a Gala Dinner which celebrates both the heritage of Qatar and its future. Check our website for updates as we finalize venues and events.

If you plan to come early or stay a few extra days, please let us know. We have numerous opportunities for you to explore and enjoy the region. We will help in arranging tours for 9ICI participants and plan to have a separate Spouse and Companion program which may be of interest. Check our website for updates.



Spouse and Companion Events



Confirmed exhibitors:

Hamad Medical Corporation (HMC)

The main provider of secondary and tertiary healthcare in Qatar and one of the leading hospital providers in the Middle East.

Sidra Medical and Research Center
Qatar

ROSATOM

Russia

Qatar Physics Society

World Council on Isotopes (WCI)

Exposition:

This is your opportunity to display your technology and services to top researchers and industry leaders. This premier expo provides numerous opportunities to learn, interact and make face-to-face connections with clients and colleagues from the international community. The 9th ICI will provide a setting where you can lay the groundwork for future sales and collaboration. ICIs are attended by professionals from a wide variety of the scientific backgrounds and applied technologies. The conference is expected to be attended by over 500 participants. Some of them are organizations and vendors new to the ICI. There will be ample networking opportunities as well as having the chance of enjoying all that Qatar has to offer with great weather during November.

About World Council on Isotopes (WCI)

The World Council on Isotopes(WCI) was founded in 2008 and has a fast-growing and highly diverse membership, representing a broad range of interests and perspectives of the R&D, business, industrial and governmental sectors. The organization aims to facilitate interactions and the exchange of information among all role-players in the global isotope community. WCI provides a strong voice, as an internationally recognized non-governmental organization (NGO), at regional and international forums. WCI cooperates actively with other international organizations including the IAEA in the promotion of the peaceful applications of isotope technologies. WCI has been providing training, conferences and information exchange programs.