



## Nearly 300 persons have already registered. What about you? Whoever you are, IMRP 18 will have something for you.

### Operators of electron accelerators

Learn about the latest development in electron beam and X-ray technology during three dedicated sessions. Meet and network with leading accelerator suppliers throughout the exhibition and conference.

### Operators of gamma irradiation facilities

Be informed of the most recent prospect for cobalt-60 supply and disposal, new irradiator design, mathematical modeling and dosimetry. Meet the leading suppliers of source materials and irradiators at the exhibition. Are you adequately addressing security issues? Get the answer during the conference and at a joint iia/WINS security workshop on Friday 11 November.

### Healthcare Manufacturers

Are you considering the use of advanced material and/or combination products? Do you require a better understanding of radiation processing, dosimetry, failure investigations or bioburden data evaluation? If you do, the Pre-conference Day was designed for you. IMRP includes plenary presentations as well as four sessions dedicated to healthcare issues: radiation microbiology, developing best radiation sterilization options for healthcare, process control challenges and interpretations and patient risks in radiation sterilization.

### All Manufacturers

How can irradiation improve the characteristics or performance of your products? Gain a better understanding of the irradiation process during the pre-conference day. Hear other manufacturers sharing their experiences. Meet international experts to get answers to your specific questions. Learn about advances in radiation technology and material enhancement.

### Radiation processing contractors

IMRP is the unique place to get a global and updated picture of your industry. See what is happening elsewhere. Find out if there is something new in food irradiation or dosimetry. During the Pre-conference Day, case studies in radiation sterilization and advanced materials applications will be presented. The main conference, exhibition and gatherings will allow you to greatly improve your knowledge and understanding of all irradiation technologies and to establish a valuable network of contacts.

### Regulators

During the Plenary sessions on the first day of IMRP, the global contribution of radiation technology and its contribution to improving health and providing socio-economic benefits, will be illustrated by distinguished speakers. During the sessions, you will understand how regulations may impact the irradiation industry.

### Scientists and engineers engaged in research

E-posters and oral sessions provide a forum to interact with fellow scientists from around the world. A dozen research centres and universities who will have a table top exhibit will present their work and capabilities. You will also have the opportunity to discuss with industrialists potentially interested in your research and visit a commercial electron beam facility or a synchrotron on Friday 11 November.

### Beginners or new potential investors in radiation processing

Newcomers to irradiation will gain an exceptional overview of technologies and applications, will meet leading manufacturers and suppliers and will establish a valuable network of contacts.

### Suppliers of equipment, products and services used for radiation processing

IMRP is the event where you can meet and interact with the largest number of relevant prospects from around the world cost effectively, in a short period and in a single place. All leading suppliers will be part of the conference and the exhibition.

Let's celebrate **40 years** of the IMRP and the collaboration, innovation and education that irradiation has provided.

In 2016, the Conference mobile App will enable you to make contact with other delegates and to create your own agenda. Networking remains an important component of IMRP – there will be many opportunities to meet experts both informally or formally. Contact iia for meeting room space at [info@iiaglobal.com](mailto:info@iiaglobal.com)

The 18<sup>th</sup> IMRP will be the meeting where the international irradiation community meets in 2016. This is where the future of radiation processing will be discussed. Can you afford not to be there?

**Don't delay, reserve your place today.**

Visit [imrp-iia.com](http://imrp-iia.com)



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## Do you, your products or research rely on irradiation? If so, you need to attend IMRP and to be part of the global irradiation community.

	Monday Nov. 7	Tuesday Nov. 8	Wednesday Nov. 9			Thursday Nov. 9			Friday Nov. 11	
07:30 – 8:30		Breakfast	Breakfast			Breakfast			<b>08:30 – 16:00 Post-conference Workshop on the Security of Panoramic Irradiators</b> (Joint iia/WINS Event) Capacity Limitation  <b>09:00 – 12:00 Technical Tours</b> Commercial Electron Beam Facility and Synchrotron at the University of British Columbia Capacity Limitations	
08:30 – 10:00	<b>Pre-conference Day</b>  08:30 – 12:00 The Fundamentals of Radiation Processing  13:00 – 17:00 Stream 2A – Advanced Applications  Stream 2B – Challenges in Radiation Sterilisation	<b>08:30 – 09:00 Opening &amp; Welcome Remarks</b>	New Developments E-beam/X-ray Systems Engineering	Advances in Fundamental Radiation Chemistry for Materials Development	Radiation Microbiology	Application Specific Process and Systems Design	Radiation Synthesis of Nanomaterials and Nanocomposites	Patient Risks and Advances in Radiation Sterilization		
10:00 – 10:30		<b>Plenary Day</b> Keynote Speakers  Radiation Technology's Global Role in Healthcare and Development	Refreshment Break			Refreshment Break				
10:30 – 12:00			Cobalt-60 Source Supply, Transportation, Security and Disposal	Food Processing – What's New in the Marketplace	Developing the Best Radiation Sterilization Options for Healthcare Sterilization	Advances in Dosimetry	Radiation Processing, Polymerization and Grafting Approaches for Materials Development	Specialized Applications		
12:00 – 13:30			Lunch			Lunch				
13:30 – 15:00			Case Studies on E-beam/ X-ray System Applications	Phytopsanitary Applications	Process Control Challenges and Interpretations	<b>Closing Session</b> Awards & Closing Remarks Conference Review & Highlights Announcements & IMRP 2019				
15:00 – 15:30			Refreshment Break							
15:30 – 17:00			Refreshment Break Visit Posters and Exhibits	Mathematical Modelling in Radiation Processing Applications	Food Irradiation – Topical Issues	Materials Development for Medical Applications	16:00 <b>iia Member General Meeting</b>			
17:00 – 18:00		<b>iia Members and Speakers Reception</b>	<b>Exhibitor Event</b> by Invitation	<b>Exhibitor Event</b> by Invitation						
18:00 – 19:00		18:00 <b>Opening of the Exhibition</b>								
Evening		19:00 – 21:00 <b>Welcome Reception</b>								
						19:00 – 22:00 <b>Gala Farewell Event</b>				

Activity	Exhibitors
Electron Accelerators	Buckley Systems International, Budker INP Russia, CGN-Dasheng, EIPont, IBA, Nuctech
Cobalt-60 and Gamma Irradiators	Institute of Isotopes, Hopewell Designs Inc., JSC Isotope, Nordion, Symec, Tongxing
Products and Services	Aérial, Bruker Biospin, Crosstex, Etigam, GSG International GmbH, GEX Corporation, Harwell Dosimeters, Nelson Labs
Radiation Processors	Sterigenics, STERIS AST
Others	NIST, NNSA