

9th NAARRI International Conference (NICSTAR-2026)
Radiation Applications: Diverse, Mature and Sustainable
Westin Convention Centre, Mumbai, India
March 9-12, 2026
Scientific Programme

Day-1 March 9, 2026 (Monday)	
TIME	EVENTS
08:00-10:30	Inauguration
08:00-09:30	Registration
09:30-10:30	Inaugural function
10:30-11:00	Tea/Coffee Break
11:00-11:40	Keynote Address Safety Regulation of Radiation Applications: Challenges, Approaches and Way Forward <i>Dinesh Kumar Shukla</i> <i>Former Chairman AERB, INDIA</i>
11:40-13:00	Session-1: Radiation Technologies-Green for the Environment and Business
11:40-12:05 IT 1	Radiation Technology: Driving Sustainable Industrial and Environmental Innovations <i>Bum Soo Han, Republic of Korea</i>
12:05-13:30 IT 2	A Strategic Investment Opportunity- Private Multi-Purpose eBeam Technology Centres in India: A Suggested Framework for Technical, Financial, and Market Feasibility Analysis <i>Suresh D.Pillai, USA</i>
12:30-12:55 IT 3	Radiation-induced polymerization: towards industrial materials with higher performance using greener curing methods <i>Xavier Coqueret, France</i>
13:00-14:00	Lunch
	Session-2 NAARRI Special Session: Women in Radiation
14:00-14:25 IT 4	Self-Reliance in Personnel Monitoring of External Radiation Exposure <i>B. K.Sapra, India</i>
14:25-14:50 IT 5	Preserving the Past, Powering the Future: Innovative Radiation Approaches for Cultural Heritage <i>Katarina Marusic, Croatia</i>
14:50-15:15 IT 6	Sustainable disinfection of Cultural Heritage materials using gamma radiation <i>A. Cemmi, Italy</i>
15:15-15:40 IT 7	Developing NORM database for addressing Public Concerns <i>P. Padma Savitri, India</i>
15:40-16:00	Tea/Coffee Break
16:00-18:00	Session-3 Innovative Approaches for Enhancing Radiation Processing Applications
16:00-16:30 IT 8	The evolution, status and future of global radiation processing <i>Martin Comben, UK</i>
16:30-17:00 IT 9	Innovation of Electron Accelerator and Industrial Applications <i>Yanjun Liu, China</i>

Day-2 March 10, 2026 (Tuesday)	
TIME	EVENTS
09:00-11:00	Session-4 Electron Beams: “Beaming” for the Future
09:00-09:30 IT 10	Harnessing Electron Beam Capabilities: Aerial's Vision for the Future of Radiation Processing <i>Florent Kuntz, France</i>
09:30-10:00 IT 11	Application Scenarios for the Self-Shielding Electron Accelerator and the Prospect of EB-Irradiation Curing <i>Y. Zhang, China</i>
10:00-10:30 IT 12	<i>High-energy industrial electron accelerators ILU type</i> <i>Aleksandr Bryazgin, Russia</i>
10:30-11:00	Tea/Coffee Break
11:00-13:00	Session-5 Radionuclides: Ensuring Better Health Care
11:00-11:30 IT 13	Novel ²²⁵ Ac-labeled Antibody for Targeted Alpha Therapy of Pancreatic Cancer <i>Cathy S.Cutler, USA</i>
11:30-12:00 IT 14	Novel radionuclides for medical applications in theranostics: perspectives and challenges <i>Renata Mikolajczak, Poland</i>
12:00-12:30 IT 15	Applications of Ga-68 based radiopharmaceuticals: Clinical Update <i>Kanhaiyalal Agrawal, India</i>
12:30-13:00 IT 16	Medical Cyclotrons: A Viable Business Model <i>M.R.A.Pillai, India</i>
13:00-14:00	Lunch
14:00-16:00	Session-6 Alternative Technologies: A Safer Way Forward
14:00-14:30 IT 17	Strategies to Promote the Adoption of Electron Beam Worldwide <i>Kristin Hirsch, USA</i>
14:30-15:00 IT 18	Leveraging Regional Partnerships to Promote the Adoption and Expansion of Advanced Alternative Technologies <i>Katie Larsen, USA</i>
15:00-15:30 IT 19	Equivalence Studies of Alternative Technologies: Electron Beam (eBeam) vs Cobalt-60 <i>Kurt Housh, USA</i>
15:30-16:00 IT 20	When Modeling and Dosimetry Meet to Empower Accelerated Adoption of eBeam and X-ray Technology <i>Randy Schwarz, USA</i>
16:00-17:00	Floating Tea / Coffee with Session-7 Posters (P 1 – P 50)

Day-3 March 11, 2026 (Wednesday)	
TIME	EVENTS
09:00-11:00	Session-8 Radiation Processing: Applications & Safety
09:00-09:30 IT 21	Industrial Electron Beam Technology: Challenges and Opportunities <i>Rajeshwar Singh Sandha, India</i>
09:30-10:00 IT 22	Security During Radioactive Source Reloading at Gamma Irradiation Facilities <i>Michal Kuca, USA</i>
10:00-10:30 IT 23	Radiation processing for various purposeful applications <i>Sanjay Rajput, India</i>
10:30-11:00	Tea/ Coffee Break
11:00-13:00	Session-9 NDT & Radioisotope Applications: Varied and Exciting
11:00-11:30 IT 24	Sediment dynamics investigation using radiometric methods <i>Patrick Brisset</i>
11:30-12:00 IT 25	The Evolution of Safety in Industrial Gamma Radiography <i>Jake Bourn, USA</i>
12:00-12:30 IT 26	Radioisotope based power sources <i>Ajay Singh, India</i>
12:30-13:00 IT 27	Radioactive Particle Tracking Technique and It's Application in Industrial Process Systems <i>Rajesh Kumar Upadhyay, India</i>
13:00-14:00	Lunch
14:00-16:00	Session-10 Radiation Applications: Academics to industry
14:00-14:30 IT 28	Feasibility study of a Dual-Mode 7–10 MeV Electron Beam and X-ray Accelerator for Industrial Applications in Jordan <i>Moh'd Amer Etoom, Jordan</i>
14:30-15:00 IT 29	Radiation beam technologies for tissue sterilization and advancements in artificial tissue engineering <i>Oleg Belyakov, Austria</i>
15:00-15:30 IT 30	Academics to Applications: Harnessing Nuclear Science for Societal Benefits <i>Alpana Goel, India</i>
15:30-16:00 IT 31	Nuclear Analytical Techniques: Elemental Analysis for Quality – Safety of Medical Diseases and Food Resources <i>A.D.P.Rao, India</i>
16:00-17:30	Floating Tea/Coffee with Session-11 Poster Presentations (P51-100)

Day-4 March 12, 2026 (Thursday)	
TIME	EVENTS
09:00-11:00	Session-12 Radiations for Food & Agriculture: Ensuring Zero Hunger
09:00-09:30 IT 32	Nuclear Technology for Sustainable Agriculture and Environment <i>Manoj Shrivastava, India</i>
09:30-10:00 IT 33	Radiation-Modified Chitosan: A Transformative Biopolymer for Sustainable Agriculture through Gamma and Electron Beam Applications <i>Sunil G.Dalvi, India</i>
10:00-10:30 IT 34	Radiation Technology in Food Preservation – Present Status and Future Roadmap <i>Bhaskar Sanyal, India</i>
10:30-11:00	Tea
11:00-13:00	Session-13 Radiotracers: Applications & Advancements Selected Presentations
11:30-11:50 SP 1	Radiotracer-based analysis of flow anomalies in continuous pulp digesters <i>Avinash Chandra, India</i>
11:50-12:10 SP2	Radiotracers as tools for studying synthetic polymer membranes and membrane-based processes <i>Ashok Pandey, India</i>
12:10-12:30 SP3	Radiotracer-based residence time distribution studies in industrial reactor systems <i>Argya Datta, India</i>
12:30-12:50 SP4	Isotopic Separations at Heavy Water Board <i>Ajit R.Dusane, India</i>
12:50-14:00	Lunch
14:00-15:00	Session-14: Industry Forum: Shared Goals
14:00-14:15 IF 1	BEYOND: Optimized, mature, and reliable X-ray and E-beam irradiation solutions <i>Raphaël Van Roermund, IBA Belgium</i>
14:15-14:30 IF 2	High Throughput Integrated Irradiation Processing Facility for Agro and Food Products <i>Ananth Vas, Symec Engineers India Pvt Ltd, India</i>
14:30-14:45 IF 3	RadiTech Hydromatics Pvt. Ltd.: Integrated Solutions in Radiation Technology, Process Automation, and IPH Infrastructure <i>Subhasis Bhattacharya, RadiTech Hydromatics Pvt. Ltd.</i>
14:45-15:00 IF 4	EPR Spectrometer SPINSCAN X: An Open Research and QC Platform for EPR Dosimetry Applications <i>Liliya Bui, Linev Systems, Lithuania</i>
15:00-16:00	Open house & Closing
16:00	Tea/Coffee
	Good Bye!