



Hall A (5 th December, 2025)	
Time	Event Details
7:15 am - 8:00 am	Breakfast
08:00 am - 9:00 am	<p style="text-align: center;"><u>CMPI Refresher Course I</u></p> <ol style="list-style-type: none"> 1. “Understanding Gamma Analysis” <i>by T Ganesh</i> 2. “Virtual Specific Quality Assurance with machine learning” <i>by Paul Ravindran</i>
9:00 am -10:00 am	<p style="text-align: center;"><u>Scientific Session 9: Dosimetry and QA</u></p> <p style="text-align: center;">Chairperson: Sudhir Kumar & Rituraj Upreti</p> <p>I10: “Ion-Chamber Response: From Bragg-Gray and Spencer Attix Cavities to the challenge of small fields” <i>Invited talk by Alan E Nahum</i></p> <p>O20: “Effect of Variations in Set-up Margin on Dosimetric Parameters in Image-Guided Radiotherapy for Carcinoma Endometrium Patients using the Halcyon Machine” <i>by Jumana Maryam</i></p> <p>O21: “Advancements and Challenges in Total Body Irradiation Under Anaesthesia for Paediatric Patients” <i>by Supratik Sen</i></p> <p>O22: “Commissioning and Operation of Primary Standard Calibration Laboratory in India” <i>by Venkatachalam Subramania Iyer</i></p> <p>O23: “Conventional Versus Automated Quality Assurance of the Multileaf Collimator in Varian TrueBeam Linear Accelerator: A Comparative Study Using Pylinac” <i>by Avinash Kadam</i></p>
10:00 am -11:00 am	<p style="text-align: center;"><u>Plenary Session III: AMPI PS Iyer Memorial Oration 2025 by Thomas R Mackie</u></p> <p style="text-align: center;">Chairpersons: V Subramani & C P Bhatt</p>
11:00 am -11:30 am	Tea Break
11:30 am -1:30 pm	<p style="text-align: center;"><u>Scientific Session 10: Innovations and Translational Research</u></p> <p style="text-align: center;">Chairperson: Manindra Bhushan Mishra & Shachindra Goswami</p> <p>Panellist: Thomas R Mackie, Arun K Pati, Dipankar Bandyopadhyay & Bijaya Kumar Sahu</p> <p>Moderator: Manoj K Semwal</p>



	<p>I11: “Quantum Computing & Quantum Technology” <i>Invited talk by Arun K Pati</i></p> <p>I12: “High Precision Point-of-care sensing Targeting Healthcare for a Billion” <i>Invited talk by Dipankar Bandyopadhyay</i></p> <p>I13: “Innovation Strategy and Intellectual Property Rights” <i>Invited talk by Bijaya Kumar Sahu</i></p>
1:30 pm – 2:30 pm	Lunch & Social Time
2:30 pm – 3:30 pm	<p style="text-align: center;"><u>Vendor Talks Session II</u></p> <p style="text-align: center;">Chairperson: Rajib Das & Vinod Pandey</p> <p>VI: “ZAP-X: Transforming Stereotactic Radiosurgery for the Future” <i>by Santhosh Chandrabalan (Zap Surgical)</i></p> <p>VII: “Role of ExacTrac Dynamic in High-Accuracy Stereotactic Brain treatment: Workflow, Accuracy & Outcomes” <i>by Balasubramanian S (Brainlab)</i></p> <p>VIII: “Innovating Beyond VMAT: The RapidArc Dynamic” <i>by Rohit Chauhan (Varian)</i></p> <p>IX: “What's new with BEBIG Medical?” <i>by Sheldon Dominic Michael (BEBIG)</i></p> <p>X: “PTW’s End to End Solutions – Adaptive Radiotherapy” <i>by Kanakavel K (PTW)</i></p> <p>XI: “Innovations in Patient Positioning in RT and Beyond” <i>by Jens Gauthier (LAP/Radiosurgery Global)</i></p>
3:30 pm – 4:30 pm	<p style="text-align: center;"><u>AMPI-AROI Joint Session: “Synergizing the Growth of Radiation Oncology & Medical Physics in India”</u></p> <p style="text-align: center;">Chairperson: Ashok Kr Arya & Sudesh Deshpande</p> <p>Panellist: Surendra Nath Senapati, Suman Bhaskar, Gautam Sarma, P K Dash Sharma, V K Sathiya Narayan & KJ Maria Das</p> <p>Moderator: V Subramani</p>
4:30 pm – 5:00 pm	High Tea
5:00 pm – 6:00 pm	<p style="text-align: center;"><u>Celebration of Golden Jubilee of AMPI (1976-2025)</u></p> <p style="text-align: center;">Chairpersons: Arun Chougule & J P Sharma</p> <p><u>Panel Discussion</u></p>



	Moderator: A K Rath Panellist: Manoj K Semwal, B S Rao, Ravichandran R Ramamoorthy, Kamlesh Passi, Apurba Kabasi & Dimpal Saikia
7:30 pm – 8:30pm	Cultural Program
8:30 pm Onwards	Dinner at Venue

Hall B (5th December, 2025)	
Time	Event Details
7:15 am - 8:00 am	Breakfast
08:00 am - 9:00 am	CMPI Refresher Course in Hall A
9:00 am -10:00 am	<p align="center"><u>Scientific Session 8: Fundamentals of Radiotherapy</u></p> <p align="center">Chairperson: Birendra Kumar Rout & Hemlatha A</p> <p>I14: “Radiobiological Basis of SBRT” <i>Invited talk by T S Kehwar</i></p> <p>I15: “Beyond the Plan: Dose with confidence through independent verification in Radiotherapy” <i>Invited talk by Akhtaruzzaman</i></p> <p>I16: “A new IEC Standard for Medical Equipment with High Radioactivity Sealed Source: Implications for Manufacturers and Hospitals” <i>Invited talk by Pratik Kumar</i></p>
10:00 am -11:00 am	Plenary Session in Hall A
11:00 am - 11:30 am	Tea Break
11:30 am - 12:30 pm	<p align="center"><u>Scientific Session 11: Emerging Technologies in Oncology</u></p> <p align="center">Chairpersons: Ponnusamy N & Srimanta Kumar Paramanik</p> <p>I17: “Comprehensive Motion Management in MR Linac” <i>Invited talk by Radhakrishnan B Nair</i></p> <p>I18: “Present and Future of MR Linac” <i>Invited talk by Sai Subramanian</i></p> <p>I19: “Tumour Hypoxia Mapping: A Potential Strategy to Enhance Therapeutic Success in Cancer management” <i>Invited talk by Abhijit Mandal</i></p>



<p>12:30 pm - 1:30 pm</p>	<p style="text-align: center;"><u>Scientific Session 12: Basic Science & Research Papers II</u></p> <p style="text-align: center;">Chairpersons: V P Pandey & Niyas Puzhakkal</p> <p>O24: “An animal study, from 2.0Gy to 1.36Gy per fraction: sparing effect in rat spinal cord” <i>by Swati Verma</i></p> <p>O25: “MicroRNA based fingerstick blood test for radiation bio dosimetry” <i>by Naduparambil Korah Jacob</i></p> <p>O26: “Design, Development and Quality Assurance Testing of an Indigenous Self-Contained X-Ray Blood Irradiator System for TA-GVHD Prevention” <i>by Syamantak Das</i></p> <p>O27: “Biological gEUD-Guided VMAT Optimization Improves Dose Gradient and OAR Sparing in Head-and-Neck SIB Radiotherapy” <i>by Shekhar Dwivedi</i></p> <p>O28: “Efficacy and clinical use of novel high-resolution EPID-based 2D and 3D automated patient-specific QA for SRS and SBRT Patients” <i>by Raghavendra Hajare</i></p> <p>O16: “Adoption of Automated Paperless Workflow in Proton Therapy: A Review of the First Two Years” <i>by Vysakh Raveendran</i></p>
<p style="text-align: center;">Lunch & Social Time</p>	
<p>2:30 pm - 3:30 pm</p>	<p style="text-align: center;"><u>Scientific Session 13: Motion Management in RT</u></p> <p style="text-align: center;">Chairpersons: Khagen Ch Bora & Bibekananda Mishra</p> <p>I20: “AI-Driven Motion Management: From Prediction to Real-Time Adaptation” <i>Invited talk by Raghavendra Holla</i></p> <p>O30: “Impact of skull definition resolution on treatment planning in gamma knife radiosurgery” <i>by Anuprabha S</i></p> <p>O31: “Magnetic Resonance Spectroscopy helps metabolite profiling for prostate cancer diagnosis” <i>by Bimal Kumar Sarkar</i></p> <p>O32: “Automated Planning for Tongue Carcinoma: Achieving Clinical Plan Quality with Significant OAR Sparing - A Dual Plan Cohort Analysis” <i>by G. George Leo Ranjit</i></p> <p>O33: “Low-Dose, High Impact: Out-of-Field Dose Evaluation in SRS/SBRT with Film Dosimetry” <i>by Pronoy Majhi</i></p>



3:30 pm - 4:30 pm	<p style="text-align: center;"><u>Scientific Session 14: Brachytherapy II & Radiation Safety</u></p> <p style="text-align: center;">Chairpersons: Jayanta Pal & Gopishankar N</p> <p>I21: “Brachytherapy in the era of Precision Medicine” <i>Invited talk by S Sowmya Narayanan</i></p> <p>O34: “A comprehensive Monte Carlo Simulation based study of the impact of tissue composition, thickness and heterogeneity on photon fluence and dose distribution of Ir-192 source used in Brachytherapy” <i>by Pradip Paul</i></p> <p>O35: “Performance of Delta⁴ and Portal Dosimetry for Patient-Specific Quality Assurance on TrueBeam and Halcyon Linear Accelerators” <i>by Sajini Kurup</i></p> <p>O36: “Innovative design of a cost-effective bunker for Tomotherapy: Optimizing Space and Safety” <i>by Nidamanuri Gouse</i></p> <p>O37: “Latent Construction Defects of a LINAC Facility Identified and Corrected through Regulatory Oversight Programme: A Case Study” <i>by M Senthilkumar</i></p>
4:30 pm - 5:00 pm	High Tea
5:00 pm – 6:00 pm	<p style="text-align: center;"><u>Scientific Session 15: Radiation Safety & Regulations</u></p> <p style="text-align: center;">Chairperson: Rajesh Kumar & Satish Unniyal</p> <p>I22: “Challenges in Radiation Protection and Regulatory Oversight of Proton Therapy Facilities” <i>Invited talk by Ghanashyam Sahani</i></p> <p>O38: “Assessing Manufacturing Defects in a New Telecobalt Source Flask Using a Disused Cobalt-60 Teletherapy Source” <i>by Mohamed Ashraf Thondikkodan</i></p> <p>O39: “Analysis of operational safety awareness among medical practitioners working with interventional radiology equipment in India: Strengthening radiation safety compliances” <i>by Pampa Modak</i></p> <p>O40: “Simplification of Type Approval Process of Medical Diagnostic X-ray Equipment” <i>by Rajendra Kumar Chaturvedi</i></p> <p>O41: “Study of incidents & accidents reported worldwide in radiotherapy: A way forward to strengthen radiation safety” <i>by Bibekananda Mishra</i></p>
6:00 pm - 7:30 pm	AMPI GB Meeting
7:30 pm – 8:30 pm	Cultural Program in Hall A



8:30 pm onwards **Dinner at Venue**

Hall C (5th December, 2025)	
Time	Event Details
7:15 am -8:00 am	Yoga Session by Saraswathi Chitra followed by Breakfast
08:00 am – 11:00 am	
11:00 am – 11:30 am	Tea Break
11:30 am- 12:30 pm	Enhancing Radiotherapy Planning Efficiency Through Monaco Scripting Automation
12:30 pm - 1:30 pm	Future-proofing Oncology with Elekta Evo; Online Adaptive Radiotherapy
1:30 pm – 2:30 pm	Lunch & Social Time
02:30 pm – 03:30 pm	Clinical Workshop by Radiosurgery Global
03:30 pm – 04:30 pm	CMPI Meeting
4:30 pm – 5:00 pm	High Tea
8:30 pm Onwards	Dinner at Venue