

Day 1: 24 June 2025, Tuesday		
8:30-9:00	Registration	
	Room 01 (Chair: Kelsey Chisholm)	
9:00-9:15	Conference Welcome: Dr. Christopher Jackson	
9:15-10:15	Keynote speaker: Dr. Tomas Kron - “Dose from Imaging in Radiation Oncology: Need to Know or Safe to Ignore?”	
10:15-10:45	Morning Break	
	Room 01 (Chair: Giles Wynn-Williams)	
10:45-11:30	Invited Speaker: Lee Collins - “Perspectives of a Founding Member and College President”	
	Room 01 (Chair: Jonathan Griffin)	Room 02 (Chair: Giles Wynn-Williams)
11:30 - 11:45	Gold Sponsor presentation: Elekta	Silver Sponsor presentation: GIB
11:45-12:30	Invited Speaker: Dr Sabeena Beveridge -"An international intercomparison of radiochromic film dosimetry processes"	C1 Workshop
12:30 -13:15	Lunch	
	Room 01 (Chair: Emese Toth)	Room 02 (Chair: Troy Smith)
13:15-13:30	Conquering the Tyranny of Distance in Radiotherapy (Bryn Currie)	Invited Speaker: Darin O'Keeffe - Theranostics
13:30 - 13:45	Shielding Design and Feasibility of Mobile THz Linear Accelerators for Palliative Treatment in Remote New Zealand Communities (Na Yan)	
13:45 - 14:00	A low-cost anthropomorphic phantom for use in NZ-wide inter-department SABR dosimetry verification measurements (Abigail Moull)	Theranostics Workshop
14:00 - 14:15	Investigating MRI for real-time in-vivo dose monitoring using PhoenixMR: the good, the bad and the noisy (Phillip Duncan-Gelder)	
14:15 - 14:30	Evaluation of MRI Protocols for Gynaecological Brachytherapy at Wellington Blood and Cancer Centre (Chrizia Cayanan)	
14:30 - 14:45	Clinical Implementation of HIPO Optimization in HDR Prostate Brachytherapy (Nicola Thomas)	
14:45 - 15:00	Gold Sponsor presentation: Varian	Installation, Acceptance, Commissioning, and Use of a TEMA $\mu$ DDA Dispenser (James Egan)
15:00-15:30	Afternoon Break	
	Room 01 (Chair: Danny Warren)	Room 02 (Chair: Steven Muir)
15:30 - 15:45	Waikato's Commissioning Experience with Halcyon (Omer Ali)	Spectral and Photon Counting CT Workshop: Siemens and Philips
15:45 - 16:00	Elekta EVO: Commissioning and Early Clinical Experience (Jonathan Littler)	
16:00 - 16:15	Evaluating the auto-levelling functionality of a 3D scanning water tank (Simon Berke)	
16:15 - 16:30	Implementing QATrack+ to streamline QA workflows in radiation oncology (Joel Sangster)	
16:30 - 16:45	Streamlining monthly linear accelerator quality assurance at the Waikato Regional Cancer Centre (Omer Ali)	
16:45 - 17:00	Gold Sponsor presentation: DTect	Phantoms for testing multi-energy CT (Steven Muir)

Conference Dinner: Toitu Otago Settlers Museum	
17:30-18:00	Arrival for dinner
18:00-18:45	Pre-dinner canapes and drinks
18:45-19:30	<b>John Strong Memorial Lecture: Mark Derby</b>
19:30-21:30	Dinner/Socials

Day 2: 25 June 2025, Wednesday		
	Room 01 <i>(Chair: Kelsey Chisholm)</i>	Room 02 <i>(Chair: Giles Wynn-Williams)</i>
8:30-9:30	Department updates from around NZ	<b>QHP Comissioning Practicalities Workshop: GE post exposure image processing</b>  Assessment of Temporal Resolution in Fluoroscopy (Andrew Blair, Steven Muir)  Evaluation and Segmentation of AI-Denoised Propagation-Based X-ray Phase-Contrast CT Images of the Breast (Amritha Ramchandrar)
9:30 - 10:00	Examples of cultural safety initiatives in Radiation Oncology (Nicola Gordon, Christine Thomspson, and James Egan)	
10:00-10:15	APEX updates	
10:15-10:30	Gold Sponsor presentation: AlphaXRT	
10:30-11:00	Morning Break	
	Room 01 <i>(Chair: Phillip Duncan-Gelder)</i>	Room 02 <i>(Chair: Andrew Blair)</i>
11:00 - 11:15	AI Applications in Medical Physics: Challenges and Opportunities (Aidan Soal)	<b>Laser Workshop</b>     Investigation into the automatic optimisation of parameter (AOP) DOSE- mode on General Electric (GE) Pristina mammography machines (Part 1) (Susan Reynolds) Investigation into the automatic optimisation of parameter (AOP) DOSE- mode on General Electric (GE) Pristina mammography machines (Part 2) (Jesse Reynolds)
11:15 - 11:30	A Retrospective Evaluation of AI-based Auto-contouring Software Solutions (Jethro Donaldson)	
11:30 - 11:45	Can Artificial Intelligence Guide Decision-Making in Head and Neck Cancer? Using Ensemble Learning to Predict Patients Benefiting from Adaptive Radiotherapy (Mark Ashburner)	
11:45 - 12:00	AI or DIR? Comparative Analysis of Contours on Daily CBCT in Prostate Radiotherapy (Mark Ashburner)	
12:00 - 12:15	Feasibility of AI/ML-Assisted VMAT Patient-Specific QA Predictions and Modular Automated Plan Checks (Jongmin Cho)	
12:15-12:30	Gold Sponsor presentation: BrainLab	
12:30-13:15	Lunch	
	Room 01 <i>(Chair: Verleah Aguas)</i>	Room 02 <i>(Chair: Giles Wynn-Williams)</i>
13:15-13:45	<b>Invited Speaker Sessions: Matthew Paris - "The Rewards and Pitfalls of Establishing a Radiation Protection Framework in the Pacific Islands"</b>	<b>DRL Workshop</b>
13:45 - 14:00	Radiation therapy for a pregnant patient (Nevin Koshy Azhaketh)	
14:00 - 14:15	Tracking Fiducial Markers with Varian TrueBeam MV-kV and ExacTrac Dynamic Marker Matching Algorithms (Lawrence Mhatiwa)	
14:15-14:30	Silver Sponsor presentation: RaySearch Laboratories	
	Room 01: Closing and Prize Giving <i>(Kelsey Chisholm)</i>	
14:30-14:45	Prize Giving	
14:45-15:00	Conference closing remarks	