

2015 NZIMRT-AIR SCIENTIFIC MEETING

24-26 July, Wellington, New Zealand

the cloud

Shaping our future

2015 NZIMRT-AIR SCIENTIFIC MEETING » PROGRAMME OUTLINE » DAY ONE FRIDAY 24 JULY

TIME	PLENARY Chairs: Fiona O'Halloran, Patrick Eastgate				
0700-0800	REGISTRATION OPENS				
0800-0900	Opening Ceremony				
0900-1000	Future of health: Cloud-based robotics, artificial intelligence, big data and more Paul Higgins				
1000-1100	Psychology of success, leadership and the process of change: 'Blame the Mesopotamians' Nigel Latta				
1100-1130	MORNING TEA				
	PLENARY ROOM	SHED 6 - ROOM 1	SHED 6 - ROOM 2	SHED 6 - ROOM 3	SHED 6 - ROOM 4
	MEDICAL IMAGING	RADIATION THERAPY	MEDICAL IMAGING	MEDICAL IMAGING	RADIATION THERAPY
	Imaging in the Cloud Chairs: Tess Muller, Carolyn Heyes	Stereotactic Body Radiotherapy/ Stereotactic Radiosurgery Session sponsored by Brainlab Chairs: Alannah Compton, Lisa Roberts	Research and Advanced Practice Chairs: James Hayes, Nick Woznitza	Mammography Chairs: Karyn Thomson, Pamela Rowntree	MRS in the Workplace Chairs: Janeane Summerfield, Jo Page
1130-1145	The Use of Cloud Based Technologies in Radiology Sharon Thomas	Guidelines for safe practice of stereotactic body (ablative) radiation therapy Anna Seeley	Development and Validation of an instrument to assess image interpretation performance Michael Neep, Tom Steffens	Is it appropriate for Medical Radiation Technologists to deliver 'return to routine screening' results to women recalled for level one assessment? Marie-Therese Borland	1130-1150 2014 Varian Award for Achievement for Radiation Therapists
1145-1200	Shaping our OWN future Lynne Ingram	A literature review: Stereotactic radiosurgery for Obsessive Compulsive Disorder Supun Thewa Hettige	International collaboration in medical radiation sciences and the e-tools to facilitate it Gary Denham	Assessment clinics with a virtual radiologist Elizabeth Phillips	1150-1210 What makes a great place to work: Culture Audit and Trust Index in the radiation oncology space Mark Middleton
1200-1215		High-dose-rate liver SBRT at the University Hospital Zurich Aidan Leong		Advancements in mammography - contrast enhanced mammography Kylie Chandler	1210-1230 Access to the evidence: How are MRS professionals positioned? Madeleine Shanahan
1215-1230	The future of diagnostic DR imaging Kara Lipski	Comparison of Exactrac Imaging & CBCT for brain SRS, focusing on efficacy, accuracy and economic factors Kathryn Clarke			
1230-1330	LUNCH BREAK Sponsored by Siemens				
1300-1330	E-POSTER SESSION Chairs: Gay Dungey, Barbara Nourish				
	MEDICAL IMAGING	RADIATION THERAPY	RADIATION THERAPY	MEDICAL IMAGING	RADIATION THERAPY
	Mixed Modality Patient Care Chairs: Lee Wilson, Michael Neep	Stereotactic Body Radiotherapy/ Stereotactic Radiosurgery Session sponsored by Brainlab Chairs: Aidan Leong, Kevina Choma	Research and Advanced Practice Chairs: Karen Coleman, Jillian Harris	Education Chairs: Vicki Pratt, Adam Westerink	Dosimetry Chairs: Jillian Montgomerie, Colin Hornby
1330-1345	Imaging through their eyes: Developing cultural awareness in the Red Centre Ericka Beattie	Is rectal separation an essential component in achieving rectal constraints in prostate SBRT? Sarah Keats	Dispersing the clouds: Introducing radiation therapist led research in the clinical setting Susan Merchant	Fake it so they make it: Using high-fidelity human patient simulation in the education of undergraduate Medical Imaging Technologists in New Zealand Anna Ainsworth	A retrospective planning study comparing small bowel dose for traditional 3DCRT, IMRT and VMAT techniques in patients undergoing radiotherapy for locally advanced rectal carcinoma (LARC) Karen Hailey
1345-1400	Challenges in treating a SCC of cervix patient with an intellectual disability Fahim Siddiqi	Stereotactic ablative body radiotherapy (SABR) for oligometastatic prostate cancer: Initial results of a feasibility study at the Peter MacCallum Cancer Centre Ann Thompson	The effect of a multidisciplinary team approach to patient positioning in head-and-neck cancer Sarah Moore		Comparing and contrasting VMAT plans using Agility MLC Kathryn Neilson

2015 NZIMRT-AIR SCIENTIFIC MEETING » PROGRAMME OUTLINE » DAY ONE FRIDAY 24 JULY [continued]

TIME	PLENARY ROOM	SHED 6 - ROOM 1	SHED 6 - ROOM 2	SHED 6 - ROOM 3	SHED 6 - ROOM 4
1400-1415	Patient care and ethics David Collier	Comparison of 10MV flattening filter free and dynamic conformal arc techniques for stereotactic ablative body radiation therapy to pelvic targets Julia McAlpine	The effect of a multidisciplinary team approach to patient positioning in head-and-neck cancer Sarah Moore <i>[continued]</i>	What is the place of virtual reality simulation in radiography education? Stacey Lang	Knowledge Based Planning (KBP): A Transformational Change to Individualised Treatment Planning Kenton Thompson
1415-1430	Medical imaging: A growing problem? Exelda Kruger	Stereotactic body radiation therapy for locally advanced pancreatic cancer: What are the benefits for local control and potential to reduce toxicity? Kathryn Floros	Hard of hearing: Stratified risk profiles for sensorineural hearing loss Phoebe Shorter	A simulation enhanced blended learning approach for medical imaging Pamela Rowntree	
1430-1445	Cervical spine injuries in the very elderly Heather Gunn	Fiducial-based image guided radiotherapy (IGRT) for renal tumours using stereotactic ablative body radiotherapy (SABR) William Starbuck	Rapid referrals: Reducing the wait times for palliative patients Mary Job	Embracing technology in the radiography teaching lab John McInerney	The use of weighted scoring objectives to benchmark intensity modulated radiation therapy (IMRT) prostate plans for knowledge based planning (KBP) Dean Robb
1445-1500	Leadless pacemakers Matthew Simpson	The challenge of SABR from the Radiation Therapist's perspective Jennie Baxter	Complementary and alternative therapy (CAT) use at North Coast Cancer Institute (NCCI), Radiation Oncology Unit Lisa Delaney	Encouraging learning and growth through the multimodal approach Reshmi Kumar	The use of generalised equivalent uniform dose (gEUD) in planning prostate intensity modulated radiation therapy (IMRT) Cushla Edwards
1500-1530	TEA BREAK				
	MEDICAL IMAGING CR/DR Dose / Second Hand Imaging <i>Chairs: Spencer Ashenden, Rob Hart</i>	RADIATION THERAPY New Technology <i>Chairs: Gaynor Chronican, Bronwyn Hilder</i>	RADIATION THERAPY A Wider View <i>Chairs: Anna O'Connell, Kristie Matthews</i>	MEDICAL IMAGING Advanced Practice <i>Chairs: Nick Ross, Elizabeth Phillips</i>	RADIATION THERAPY Patient Care <i>Chairs: Paul Kane, Georgia Halkett</i>
1530-1545	Teaching an old dog new tricks: An assessment of conventional radiographic fundamentals in the digital age Adam Steward, Carla Lombardi, Michael Tarollo	Project implementation of Calypso® for prostate patients Thang Nguyen	ARCING UP - A new approach to Total Body Irradiation Beth Taylor, Melanie Pemberton	Australian rural radiographers' experiences in disclosure to patients and referrers of radiographic findings Kathryn Squibb	Behind the radiation therapy mask Hazel Neser
1545-1600		Initial experience with Calypso® for prostate cancer radiation therapy Bianca Mastroianni	A review of prognostic factors in the palliative radiation therapy setting Michele Gatfield		
1600-1615	Embracing the digital era: The impact on radiographers Reshmi Kumar	Implementation of a portal imaging based in-vivo dosimetry system at Christchurch Hospital Hayley Wooding	Open evening for GPs at Christchurch Radiation Oncology Annie Sievers	Physiotherapists as primary care physicians in the Emergency Department: An investigation Kasey Donovan	The effectiveness of an anti-flatulence diet to achieve favourable bowel conditions in prostate cancer patients undergoing radiation therapy Louise Richter
1615-1630	Benchmarking x-ray dose performance in the cloud Brian Lunt	Australia's first CyberKnife: Delivering unique radiosurgical treatment Peter Podias	Mentoring radiation therapy new graduates Rob Lane	Clinicians' attitudes and perceptions of the usefulness of a newly implemented radiographer commenting service Caitlin Steffensen	Implementing iPads as an information tool for patients receiving radiation therapy for prostate cancer: An assessment of patients' readiness to adapt Alison Brown
1630-1645	Radiography education in Tonga Delia Dephoff	5 years on: A review of tomotherapy at the Royal Brisbane and Women's Hospital Kate Stewart	From professional to professionalism Catherine Di Stasi	Radiographer errors in adult chest x-ray reporting Nick Woznitza	A Kiwi solution: The efficacy of Kiwicrush in improving bowel habits for patients undergoing radiotherapy treatment of prostate cancer Meredith van Beekhuizen
1645-1700	Radiography in Tonga Ikuna Tohotoa	Fusion of a MRI Radiographer into a Radiation Therapy Department: Bridging the gap and shaping the future Robba Rai	Yoga therapy for breast cancer patients Stephanie Robinson, Melissa Galliford		Dry July fundraiser: The New Zealand experience to date Janeane Summerfield, Andrew Moore, Rob Hallinan

1700-1900 **WELCOME DRINKS IN EXHIBITION HALL**

2015 NZIMRT-AIR SCIENTIFIC MEETING » PROGRAMME OUTLINE » DAY TWO SATURDAY 25 JULY

0730-0830	REGISTRATION OPENS	SHED 6 - ROOM 4 VARIAN BREAKFAST SESSION	SHED 6 - ROOM 2 HOLOGIC BREAKFAST SESSION	SHED 6 - ROOM 3	
PLENARY Chairs: Jill McConachie, Jo Page				STUDENT FORUM Chairs: Madi Chamberlayne, Huw Lockwood	
0830-0900	The New Radiography: Coming out from behind the cloud Michael Fuller			0830-0845	Social Media Charlie Murrell
0900-0920	How Twitter is revolutionising the healthcare landscape - for you and your profession (yes you!) Adam Westerink			0845-0900	Seven tips for the unsuspecting interns Hung Do
0920-0940	The Australian and New Zealand Medical Radiations Research Network ANZMRRN Steering Group			0900-0915	Experiences of adolescent and young adult cancer patients Holly Smith, Genevieve Macilquham
0940-1000	Research in the clinical setting James Hayes, Journal of Medical Radiation Sciences			0915-0930	Locally advanced breast cancer and the anxious patient Jean Sloan
				0930-0945	Imaging modalities' role in diagnosing and treating abdominal aortic aneurysms Lauren Cannell and Alannah Pearce
				0945-1000	Screening practices on Muslim migrant women in Sydney Adila Islam
1000-1030	MORNING TEA				
	PLENARY ROOM	SHED 6 - ROOM 1	SHED 6 - ROOM 2	SHED 6 - ROOM 3	SHED 6 - ROOM 4
	MEDICAL IMAGING CT / MRI / PET Chairs: Hilary Hopkinson, Andrew Robertson	RADIATION THERAPY Dosimetry Chairs: Sarah Moore, Alison Dry	RADIATION THERAPY Education Chairs: Mel Pitchford, Donna Matthews	STUDENT FORUM Chairs: Jamaine Fraser, Brook Westernam	MEDICAL IMAGING Education Chairs: Karen Wells, Timothy Way
1030-1045	Creating an evidence-based guideline for the administration of oral contrast in CT at a regional teaching hospital in Australia: A literature review Amy Reiss	Retrospective analysis of the correlation between bowel cavity dosimetric parameters and acute GI toxicity in IMRT for anal canal Huong Ho	RT without borders: taking the plunge into training RTs in Vietnam Jill Cavenagh	Paediatric pelvis pathologies that cause asymmetric gait Hung Do	Practitioner perspectives on fostering communication skills for preclinical radiography students in a simulated learning environment (SLE) Ruth Druva
1045-1100	Developing the Man-O-Gram: The role of magnetic resonance imaging for the detection, diagnosis and treatment of prostate cancer Bronte Moses	CTV-PTV margin selection with the use of an ITV for gynaecological cancer Dominique Bonnett	Exploring students' views about interprofessional learning and what makes it meaningful Karen Coleman	Evaluation of routine paediatric MSCT protocols from a major tertiary hospital in Oman Khalid Al Mahrooqi	Clinical supervision practices in medical imaging in the spot-light via SuperSIM Tony Smith
1100-1115	How to see the invisible cancer? 18F-FDG PET/CT case study Borislav Penchev	An assessment of the dosimetric impact of contour change for head and neck VMAT Hamish Straker	Emotional intelligence development in student radiation therapists: A longitudinal study Mary-Ann Carmichael		
1115-1130		Improvement in head and neck radiotherapy plan quality through implementation of a planning assessment tool Tania Caro	Refocussing staff development activities 'in the cloud' Kristie Matthews	Work the World - Dar Es Salaam Louise Murray	Documenting the clinical studies journey of medical imaging students by developing ePortfolios Ruth Druva
1130-1145	The use of computer tomography (CT) in computer assisted surgery in the veterinary world Sharyn Bray	Plan of the day approach for post-prostatectomy radiation therapy Cindy Lac	The impact of a virtual reality system on teaching and learning Paul Kane	Hereditary multiple exostoses Emily Webb	
1145-1200	EDCT: The utilisation of a dedicated Emergency Department CT scanner in a spinal hospital Melinda Lombardo	Investigation of isodose prescription level in hypofractionated intracranial treatments using volumetric modulated arc therapy Rochelle Hiscock		Giving patients a leg up - intensity modulated radiotherapy for lower limbs Jean Sloan	"Do you see what I see?" The importance of visual spatial ability for Medical Imaging Technologists Rhonda-Joy Sweeney
1200-1215	Cardiac MRI - the past, present and future Beau Pontre	Reshaping the future of breast and chest wall treatments Marika Lathouras	Establishing a sustainable workforce through greater access to collaborative research and education facilities Georgia Halkett	Cost-benefit of IMRT treatments for palliative patients Anita Harriman	
1215-1230		Investigating the radiation therapy boost modality for left sided breast patients: Photons vs electrons Amit Sen		How to optimize image quality for paediatric patients using digital radiography Alison McKenzie and Alexandra Marsh	Creating a student-friendly department – lessons from our first year as clinical educators Lisa Weterings, Stephanie Peska
1230-1330	LUNCH BREAK Sponsored by Brainlab				
1300-1330	E-POSTER SESSION Chairs: Kareen Grimshaw, Greg Rattray				

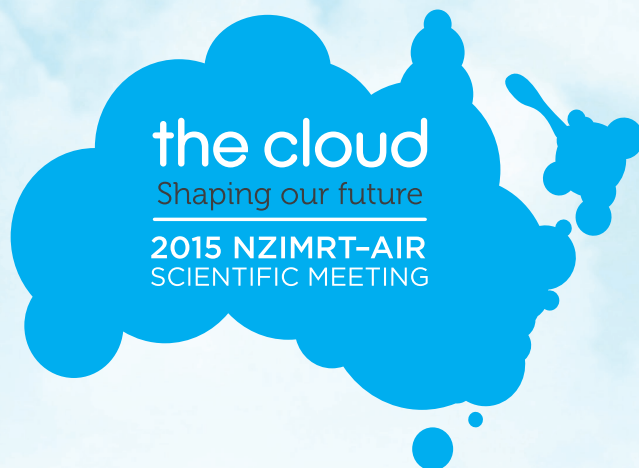
2015 NZIMRT-AIR SCIENTIFIC MEETING » PROGRAMME OUTLINE » DAY TWO SATURDAY 25 JULY [continued]

TIME	PLENARY ROOM	SHED 6 - ROOM 1	SHED 6 - ROOM 2	SHED 6 - ROOM 3	SHED 6 - ROOM 4
	MEDICAL IMAGING General Chairs: Kara Lipski, Tom Steffens	RADIATION THERAPY Imaging Chairs: Jennifer de Ridder, Mark Middleton	RADIATION THERAPY Management Chairs: Rob Hallinan, Leigh Smith	STUDENT FORUM Chairs: Vanessa Sword, Jean Sloan	RADIATION THERAPY Patient Positioning Chairs: Yasmin McQuinlan, Jennie Baxter
1330-1345	How can radiographers mitigate diagnostic errors in the emergency department? Michael Fuller	Lung cancer changes during radiotherapy: assessment of functional and motion changes at 3T Shivani Kumar	The changing face of communication - how the cloud assists our learning and growth Jillian Harris	Towards molecular driven treatment: a systematic review into the feasibility of hypoxia-derived dose painting in the treatment of head and neck cancer Jose Diego Tagaro	Eye Track @ Peter Mac – Advancing ocular melanoma treatment Vaughan Geddes
1345-1400		Retrospective analysis of tumour motion in Cone Beam Computed Tomography (CBCT) for radical lung patients Siobhan Whiting	Evaluating the impact of a clinical leadership team within a large multi-campus Radiation Oncology service Janet Gawthrop	Development and evaluation of the psychosocial guidelines for male HPV-positive oropharyngeal cancer patients Alisha Wintour	An assessment of MRI image quality for various setup positions used in breast radiotherapy Vikneswary Batumalai
1400-1415	An assessment of the positioning of pelvic binders for trauma patients Megan McKerrow	Introduction of image-guided breast radiation therapy Carly Anderson	The change to radiotherapy utilisation in a rural area after the establishment of a local service Sally Butler	Adaptive radiation therapy for head and neck cancer Madalyne Chamberlain	Prone positioning with bellyboard versus supine positioning in the treatment of anal canal cancer with IMRT: A dosimetric analysis Andrew Wheatley
1415-1430		Analysis of inter-user variation for prostate soft tissue image registration on Tomotherapy ^{HD} at the Radiation Oncology Institute Gosford clinic. Melissa Tonks	Teleporting RTs - Instantly transferring staff across sites: a "Virtual planning room experience" Charlotte Skidmore	Use of Nimorazole in head and neck patients Tanisha Nagar	A review of the use of tattoos in prostate radiotherapy Anna O'Connell
1430-1445	'Not a lung cloud in sight' – A clinical audit investigating the diagnostic yield of chest radiography when screening for sepsis in the Emergency Department Thomas Settimio	Outcomes of daily soft-tissue matching for synchronous integrated boost intensity modulated radiation therapy (SIB-IMRT) for bladder cancer Hannah Caine	Radiation therapy service remodelling to enhance collaborative working Nilgun Touma	The experience of head and neck cancer Kate Radburn	Prostate motion in 6 degrees Anna Seeley
1445-1500	Radiography of the wrist: Basic imaging and advanced techniques Adam Steward	A feasibility study into reducing treatment delivery times for left sided breast patients receiving deep inspiration breath hold (DIBH) radiotherapy Monica Le Mottee	Utilisation of a telecommunications platform for cross-campus collaboration in radiation therapy David Tongs	Palliative care in cancer: Managing patients' expectations Wsam Ghandourh	Bowel and bladder preparation and prostate treatment Janice McCarthy, Helen McCabe
1500-1530	TEA BREAK				
	PLENARY ROOM	SHED 6 - ROOM 1		SHED 6 - ROOM 3	
	NZIMRT AGM	AIR FELLOWSHIP SESSION Chair: Greg Ratray		STUDENT FORUM Chairs: Tess Maitland, Hung Do	
1530-1700	NZIMRT AGM	AIR Fellowship Session Adam Westerink, Patrick Eastgate, Linda Coles, Paul Higgins Q&A Forum		1530-1545 Stener lesion imaging Victoria Pierce 1545-1600 Pushing to the front of the queue: Does delayed radiotherapy treatment for high grade glioma affect survival? Fairuz Jum'ee 1600-1615 Digital tomotherapy Huw Lockwood 1615-1630 The role of radiography in the diagnosis of pulmonary tuberculosis in the developing world Jasmine Pook 1630-1645 Integrating bladder scanners into radiotherapy Erika Burgess 1645-1700 Q&A	
1900-0000	GALA DINNER AT TE PAPA				

2015 NZIMRT-AIR SCIENTIFIC MEETING » PROGRAMME OUTLINE » DAY THREE SUNDAY 26 JULY

TIME	PLENARY Chairs: Kathy Colgan, Lynne Ingram	0700-0800 BRAINLAB BBQ BREAKFAST AND RUN - IN FRONT OF TSB ARENA - CLICK TO VIEW MAP
0730-0830	REGISTRATION OPENS	
0830-0900	Radiographers and radiological technologists' roles in patient dose reduction: ISRR perspectives Napapong Pongnapang	
0900-0930	Raising the profile of radiation therapy in the cancer community - the Targeting Cancer Campaign Alison Brown	
0930-1000	Looking again at reflective practice: bringing CPD up to date Suzanne Henwood	
1000-1030	MORNING TEA	
	PLENARY Chairs: Fiona O'Halloran, Patrick Eastgate	
1030-1115	Cloudy with a Ray of Sunshine: Shining a Light on the Changing Learning Landscape David Eddy	
1115-1215	Improve professional standing using online tools Linda Coles	
1215-1300	CLOSING CEREMONY	

This programme outline is subject to change.



THE DATES 24-26 July 2015

THE VENUE TSB Bank Arena, 4 Queens Wharf, Wellington, 6011, New Zealand

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