

6th National Particle Therapy Symposium 2022

Westmead Innovation Centre

K Block, Level 10 Westmead Hospital Sydney.

Day 1 Thursday 24th November 2022

SPEAKER	TITLE	TIME	DURATION
Registration		0930	45 min
Liza Noonan (tbc)	Welcome and opening remarks	1015	15 min
SESSION 1: THE AUSTRALIAN PARTICLE THERAPY LANDSCAPE			
Session Chairs: Verity Ahern, Annette Haworth			
Updates from the jurisdictions	Adelaide	1030- 1040	10 min
	NSW	1040 - 1050	10
	Queensland	1050 - 1100	10
	Victoria	1100 - 1110	10
	Perth	1110 - 1120	10
Dr Eunji Hwang	Minimum data elements	1120 - 1135	15
Dr Scott Penfold	Comparative planning guide	1135 - 1150	15
A/Prof Hien Le	The Australian Particle Therapy Clinical Quality Registry	1150 - 1205	15
Updates from the professional bodies	RANZCR: SIG Chair	1205 - 1230	25
	ACPSEM: SIG Chair		
	ASMIRT: SIG Chair		
The patient referral pathway	RANZCR; Peter Gorayski	1230 – 1240	10
	The Australian Bragg Centre; Jordan Hansford (tbc)	1240 – 1250	10
Lunch Break		1300 - 1345	45 min
SESSION 2: RESEARCH PLANS FOR AUSTRALIAN PARTICLE THERAPY FACILITIES			
Session Chairs: Paul Keall, Hien Le			
Prof Annette Haworth	TROG Clinical Research Vision	1345 – 1355	10 min
A/Prof Verity Ahern	Westmead Precinct Vision	1355 – 1405	10
A/Prof Michael Penniment	The Australian Bragg Centre	1405 - 1415	10
Dr Adam Yeo	Victoria	1415 - 1425	10
tbc	Queensland	1425 - 1435	10
Ms Shona Edwards	Consumer engagement in research and clinical operations	1435 – 1500	10
Afternoon Tea Break			20 min
SESSION 3: PARTICLE THERAPY CLINICAL INDICATIONS AND ADVANCES			
Session Chairs: Peter Gorayski			
Prof. Ed Smith	NHS England - Expanding indications for proton therapy	1520 - 1545	25 min



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Prof. Hiroshi Tsuji	Clinical experience of carbon Ion Therapy in Japan	1545- 1610	25
Prof. Piero Fossati	Carbon ion therapy – from clinical studies to routine treatment	1610 – 1635	25
Prof. Dr. Oliver Jäkel	Light Ion Beam Therapy: beyond protons and carbon ions	1635 - 1700	25
Panel Discussion	<i>Recommended indications and proportion of radiation therapy patients to receive particle therapy in Australia</i>	1700 - 1730	30
Speakers: Consumer, Prof Ed Smith, Prof Tsuji, Prof Fossati, Prof Dr. Jäkel			

DINNER Parramatta

Program – Day 2 Friday 25th November 2022

SPEAKER	TOPIC	TIME	DURATION
Registration			
		0730	30 min
Prof Annette Haworth	Welcome	0800	10 min
Session Chair: Dr Jonathan Sykes			
Prof. Chris Beltran	Plenary: Treatment indications, quality assurance and planning computation at the Mayo Carbon Ion Facility	0810 - 0840	30
SESSION 4: RADIATION RESEARCH OPPORTUNITIES			
Session Chairs: Dr Richard Garrett, (tbc)			
Prof. Karen Kirkby	The Christie, Manchester research room	0840 – 0905	25
Prof. Marco Pullia	The CNAO Experimental Facility	0905 - 0930	25
Dr Dale Prokopovich	Accelerator research at MedAustron	0930 – 0955	25
Panel Discussion	<i>Recommendations for Research rooms across Australia</i> Adi Patterson (tbc), Richard Garrett	1000 – 1015	15
Morning Tea Break			20 min
SESSION 5: RADIATION BIOLOGY RESEARCH OPPORTUNITIES			
Session Chairs: A/Prof Eric Hau, Dr Joseph Sia			
Prof. Marco Durante	Combined treatments in particle therapy:	1035 – 1100	25 min



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	Pre-clinical studies		
Dr Mitra Sadavi-Naeini	Neutron Capture Enhanced Particle Therapy	1100 – 1115	15
Dr Harriet Gee	Translational radiation biology on the Westmead Precinct	1115 – 1130	15
Rapid fire presentations	Abstract selection	1115 – 1215	45
Panel Discussion	Becoming an Australian Particle Therapy Research Network: Data Members: Dr Scott Penfold, Dr Lois Holloway, Dr Phillip Chlap, A/Prof Hien Le	1215 - 1245	30
Lunch Break		1245 – 1330	45 min
SESSION 6: PHYSICS AND TECHNOLOGY OPPORTUNITIES			
Session Chairs: Prof Annette Haworth, Dr Jonathan Sykes			
Dr Scott Penfold	Proton Therapy Imaging at the ABC	1330 – 1350	20 min
Prof. Paul Keall	MRI - protons	1350 - 1410	20
Dist. Prof. Anatoly Rozenfeld	RBE quality assurance in proton and ion therapy	1410 - 1430	20
Rapid fire presentations	Abstract selection	1430 - 1500	30
Afternoon Tea Break		1500 – 1520	20
SESSION 7: OTHER RESEARCH OPPORTUNITIES WITH A NATIONAL PARTICLE THERAPY FACILITY			
Session Chair: (tbc)			
Dr Ceri Brenner	The National Space Qualification Network	1520 – 1535	15 min
Dr Tim Squire	Radiation protection in space: time, distance and shielding	1535 – 1550	15
Dr Edward Simpson	Space research at hadron therapy centres: opportunities and requirements	1550 - 1605	15
Panel Discussion	Becoming an Australian Particle Therapy Research Network: Collaboration Speakers tbc: Dale Prokopovich, consumer	1605 - 1625	20
CLOSE		1625 - 1630	5



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