

4th AUSTRALASIAN CYCLOTRON USERS' WORKSHOP: Perth, 2013

SECOND NOTICE

Sponsor – Australian Nuclear Science & Technology Organisation



When: Friday 12 April, 2013, 1:00 to 6:00 pm

Where: University Club, University of Western Australia, Crawley Drive, Nedlands (Perth), in co-location with the ANZSNM Pre-Conference (*'The Molecular Imaging Revolution'*)

Registration: No Charge; however, *attached form must be filled out and returned to Convenor*

Convenor & All Enquiries: Prof. Roger Price, Head, RAPID PET Labs, SCGH, Perth; [t] (+61) 8 9346 4288; [f] (+61) 8 9346 3466; roger.price@health.wa.gov.au

Open to all interested in medium-energy medical cyclotrons and their applications, particularly in the production of PET radiopharmaceuticals, from production centre design to daily operations. Topics include clinical services, regulatory requirements, education & training, and research & development.

THE PROGRAM (*Titles of some presentations yet to be finalised*)

13:00 - 13:30	Targeted Radiopharmaceuticals; New Insights into Cancer (<i>co-located with ANZSNM Pre-Conference</i>)	Jason Lewis ; Director, Radiochemistry & Molecular Imaging, Sloan-Kettering Cancer Centre, USA
13:30- 13:40	<i>Relocation plus Welcome & Introduction</i>	
13:40 - 15:00	'Reports from the Cyclotrons' (<i>8-10 mins each; currently 7 centres represented</i>)	Representatives from the Australasian cyclotron centres
15:00 - 15:25	Afternoon Tea & Poster Viewing	
15:25 - 15:40	Outcomes of the National Opinion Survey of Cyclotron Centres	Henri Tochon-Danguy , Centre for PET, Austin Hospital, Melbourne
15:40 - 15:55	Decommissioning a 30 MeV Cyclotron	Rod Manning , ANSTO Life Sciences
15:55 - 16:10	A Major 18/18 Cyclotron & Laboratory Upgrade: Experiences & Outcomes	Sun Chan , RAPID PET Labs, SCGH, Perth
16:10 – 17:10	'Cyclotron Champions' Free Communications	
	Design of a new generation dual reactor 18F radiosynthesiser	Stan Poniger , Austin PET Centre
	Radio-gallium labelled DOTA-glutamine: radionuclide considerations	Nigel Lengkeek , ANSTO Life Sciences
	To be announced	RBH Queensland PET Service , Brisbane
	Solid-targetry production & purification of the radiometal PET isotope 61Cu & its chelation by the sarcophagine DiAmSar	Ali Asad , RAPID PET Labs, SCGH, Perth
17:10 – 17:35	Discussion 1: Implementation of Education & Training Programs for Radiochemists, Radiopharmaceutical scientists, Engineers & related crafts	Discussion Leaders - Heather Patterson , ANSTO & Sydney University & Herma Buttner , Scientific Liaison, ANSTO
17:35 – 18:00	Discussion 2: Goals for future workshops, potentially incl. Co-located training. Regulatory & compliance; Interrelations between Gov't, cyclotron /radpharm centres & universities	Discussion Leaders to be announced
18:00 – 18:05	Wrap-up, including winner of logo competition & handball to next Convenor	Roger Price , RAPID PET Labs, SCGH
18:10	Bus to CBD and Perth Convention & Exhibition Centre	