

**Accelerator Technical Forum (ATF)
Symposium of North Eastern Accelerator Personnel (SNEAP)
Conference 2006**

Sydney and Canberra, Australia

Time	Sunday 15th October 2006
15:00 – 18:00	Pre-Registration
18:00 – 20:00	Welcome Reception – finger food

Time	Monday 16th October 2006
8:30 – 9:00	Wake up coffee
	ANSTO Physics – Chair: David Garton – ANSTO
9:00 – 9:30	Welcome – George Collins – ANSTO
9:30 – 10:00	David Cohen - ANSTO <i>Accelerator based techniques solving national and international problems</i>
10:00 – 10:30	Andrew Nelson - ANSTO <i>The neutron scattering facilities at the new OPAL research reactor</i>
10:30 – 11:00	Tea and Coffee sponsored by Parker Hannifin Commercial display - 11:00 - 13:30 - <i>Instrumentation Valves and Fittings Microelectronic Products</i>
	Ion Sources – Chair: Larry Lamm – University of Notre Dame
11:00 – 11:30	Jan Klug – Ruhr-Universität <i>Bochum Torris Injector</i>
11:30 – 12:00	David Button - ANSTO <i>A new Source of the unknown: Duoplasmatron problems and solutions</i>
12:00 – 12:30	Manfred Friedrich - Forschungszentrum Rossendorf <i>Alkali vapour charge exchange canals</i>
12:30 – 13:30	Lunch – Grace Hotel
	Chains and SF6 – Chair: Alan Cooper – ANU
13:30 – 14:00	Fred Johnson – ANU <i>Charging system overhaul NEC 5SDH-4 and A Flaky Problem</i>
14:00 – 14:30	Howard Wallace – ANU, Australia <i>14UD Chain Pulleys</i>
14:30 – 15:00	Greg Norton – NEC, USA <i>The latest and greatest NEC chains systems</i>
15:00 – 15:30	Tea and Coffee
	Accelerator Infrastructure 1 – Chair: Martha Meigs – ORNL
15:30 – 16.15	Re Maurizio – LNS, Catania <i>EXCYT facility, Exotic beam production, detection and charge exchange</i>
16:15 – 17:00	Davide Carlucci – LNL, Legnaro <i>LNL Resistor failure and Support Breakdown</i>

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Time	Tuesday 17 th October 2006
8:30 – 9:00	Wake up coffee
	Vacuum – Chair: John McKay – SNEAP
9:00 – 9:30	Lazlo Bartha – Institute of Nuclear Research Hungary Academy of Sciences <i>High purity vacuum system</i>
9:30 – 10:00	AVT Services Pty Ltd, Australia <i>Vacuum technology talk</i>
10:00 – 10:30	<i>Discussion: vacuum and accelerator problems</i>
10:30 – 11:00	Tea and Coffee
	AMS 1 – Chair: Alfred Priller – VERA Vienna
11:00 – 11:30	Andrew Smith – ANSTO <i>Antarctic Ice Analysis</i>
11:30 – 12:00	Rajan Joshi – Inter University Accelerator Center, New Dehli <i>MCSNICS Modifications and study</i>
12:00 – 12:30	Mark Roberts – WHOI <i>Compact AMS System</i>
12:30 – 13:30	Lunch (on your own)
	NEC Accelerators – Chair: Greg Norton – NEC
13:30 – 14:00	Martha Meigs – ORNL <i>25 URC History of high voltage performance</i>
14:00 – 14:30	Javier Zubiri – Universidad Autonoma de Madrid <i>Operation of the 5MV tandem after 4 years</i>
14:30 – 15:00	Tobias Schappeler – John Morris Scientific, Australia <i>New technologies for backing turbomolecular pumps</i>
15:00 – 15:30	Tea and Coffee
	Accelerator Infrastructure 2 – Chair: Jeff Ashenfelter – Yale
15:30 – 16:00	Martin Stockli – ORNL <i>Designing LEBT for the SNS upgrade – Beam Optics</i>
16:00 – 16:30	Greg Cooke - ANSTO <i>ANSTO Accelerators</i>
16:30 – 17:00	David Weisser – ANU <i>Introduction to the ANU Accelerator Facility</i>
19:00 – 22:00	Harbour Cruise and Dinner – King St. Wharf

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Time	Wednesday 18th October 2006
10:00	Bus leaves for ANSTO (be ready 15 minutes before)
10:45	Tea and Coffee
10:45 - 13:00	ANSTO Accelerator Labs Tour
13:00 - 14:00	LUNCH – Sponsored by ANSTO
14:00	Bus to Canberra Accommodation
18:00 - 19:00	BBQ – Sponsored by CMS Alphatech – Buckley Systems
19:00 - 21:30	ANU Accelerator Tour



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Time	Thursday 19 th October 2006
8:30 – 9:00	Wake up coffee
	Laboratory Infrastructure – Chair David Weisser – ANU
9:00 – 9:15	Welcome and Housekeeping
9:15 – 9:45	Alistair Muirhead – ANU <i>Automated Liquid Nitrogen Filling System</i>
9:45 – 10:15	Craig Marshall – Scitek Australia <i>Turbos and Blue Smoke - Vacuum Technologies talk</i>
10:15 – 10:30	<i>Discussion: Vacuum and accelerator problems</i>
10:30 – 11:00	Tea and Coffee
	Accelerator Systems – Chair: Jim Stark – McMaster University – retired
11:00 – 11:30	Mark Boland – Australian Light Source <i>Commissioning of the Australian Synchrotron</i>
11:30 – 12:00	Michael Mann - ANSTO <i>Vacuum systems and maintenance for ANTARES and STAR</i>
12:00 – 12:30	Warren Brooks – John Morris Scientific, Australia <i>Vacuum process control solutions from MKS</i>
12:30 – 13:30	Lunch
	AMS 2 – Chair: Mark Roberts - WHOI
13:30 – 14:00	Greg Norton – NEC <i>SSAMS</i>
14:00 – 14:30	Alfred Priller – VERA Vienna <i>Second source injection beam line at VERA</i>
14:30 – 15:00	Yasuo Nagashima – UTTAC, University of Tsukuba <i>AMS Facility</i>
15:00 – 15:30	Tea and Coffee
15:30 – 16:30	Return to accommodation & free time before conference dinner
16:30 – 17:30	Bus from accommodation to Lambert Winery
17:30 – 22:30	Wine tasting and Conference Dinner at Lambert Winery Talk by Professor David Jamieson, University of Melbourne, Australia "Ancient voyages, ancient maps, modern fraud and ion accelerators"
22:30 - 23:00	Bus return to accommodation

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Time	Friday 20 th October 2006
8:30 – 9:00	Wake up coffee
	Applications – Chair: Roland Szymanski – Uni of Melbourne
9:00 – 9:30	David Peaslee – Hope College <i>Running an ion beam facility – NEC 5SDH for undergraduates</i>
9:30 – 10:00	Tim Winkelmann – Heidelberger Ionbeam Therapie Centrum (HIT) <i>Heidelberg Ion Beam Therapie Centrum - Status</i>
10:00 – 10:30	Ovidiu Toader – University of Michigan <i>Remote controls for accelerator systems and experiments</i>
10:30 – 11:00	Tea and Coffee
	Accelerator Systems – Chair: Scott McMaster – McMaster University
11:00 – 11:30	Nikolai Lobanov – ANU <i>Beam bunching system at ANU</i>
11:30 – 12:00	Laszlo Bartha – Institute of Nuclear Research Hungary Academy of Sciences <i>New materials for charged particle beam observation</i>
12:00 – 12:30	Allan Harding – ANU <i>14UD accelerator post reconditioning</i>
12:30 – 13:30	Lunch – Sponsored by Group3
	Computer Control and Spark Protection – Chair: Chris Purcell – GNS
13:30 – 14:00	Brett McGill – Group 3, New Zealand <i>Group 3 Accelerator Controls – faster and tougher</i>
14:00 – 14:30	Alan Cooper – ANU <i>Computer control in the 14UD, successes and failures in spark protection</i>
14:30 – 15:00	Damien Lynch – ANSTO <i>Epics computer control systems at ANTARES, ANSTO</i>
15:00 – 15:30	Tea and Coffee
15:30 – 16.30	Business meeting – Chair David Weisser - ANU