

Australian Neutron Beam Users Group

ANBUG

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On behalf on ANBUG

The Present

ANBUG, The Australian Neutron Beam Users Group which we all love, is a strong and vibrant community of some 309 members (December 2006).

- ANBUG has seen a steady increase in membership numbers since its re-establishment in 2001 and new constitution (below).

ANBUG provides an important service to the Australian neutron community. It interacts routinely with the Bragg Institute, ANSTO, AINSE and other bodies such as NCRIS, DEST, the Synchrotron Community, the Materials Network and so on.

The primary role of ANBUG:

- To act as a voice for Australian scientists and engineers who use neutron scattering in their work, be it at ANSTO's HIFAR facility or at overseas facilities, such as ISIS.
- With OPAL, Australia's Replacement Research Reactor now firmly on schedule and close to completion of the commission process, the current opportunities and future prospects for neutron scattering in Australia have never been brighter.

Members of ANBUG

- continue to contribute significantly to the design and implementation of the neutron scattering instruments at OPAL;
- helping to further enhance the growth and development of our community, and discuss other matters of importance for Australian neutron users.

ANBUG - The Beginnings

19 September 1978 - Letter from Frank Moore (AINSE) about establishment of a group

19 April 1979 First ANBUG Committee Established:

- K N R Taylor (Chairman)
- F H Moore (Secretary)
- B Cornell
- R L Davis
- C J Howard
- T M Sabine

Constitution of 19 April 1979 of 31 items over 6 pages signed by all committee members.

ANBUG – A New Era

2001 ANBUG resurrected

Inaugural Committee (2001-2002)

- Brendan Kennedy (President)
- Ian Gentle (Vice-President)
- Rob Robinson (Secretary)
- Erich Kisi (Treasurer)
- Stewart Campbell
- Sandra Cram
- Evan Gray
- John Thornton

30 July 2001 New Constitution

ANBUG Events and Dates

19 April 1979

- First ANBUG Committee Established

14 November 1979

- Australian Atomic Energy Commission Research Establishment Review of Research Activities and Capacity, and Proposals for the Future (review Committee – AAREC)
- "It is recommended that the HIFAR reactor not be replaced as there is insufficient justification for such action. With limited refurbishment HIFAR should provide a reliable research and irradiation service to Australia until at least 1990."

August/September 1980

- 22 August AINSE Submission to the Australian Atomic Energy Commission concerning Proposed Refurbishment of HIFAR and The Provision of Improved Neutron Beam Facilities Including a Cold Neutron Source.
- ANBUG Cold Source Specialist Committee – case forwarded to the Australian Atomic Energy Commission Submission for Cold Neutron (listed projects by 13 proposers)

25 September 1985

- Letter to Department of Science regarding access to ISIS

August 1986

- Submission from AAEC on "HIFAR – Proposals for Upgrading the Reactor and Improving the Experimental Facilities"

8-10 August 1987

- Neutron Scattering Symposium, Sydney

12-20 August 1987

- XIVth International Congress and General Assembly International Union of Crystallography, Perth

22 June 1988

- Collation of a Database of Neutron Beam Users

March 1989

- Report by the Australian National Committee for Crystallography, Australian Academy of Science on "A requirement for Australian Research: Access to Big Science Facilities"
- "Two Types of "Big Science" research facility – synchrotron radiation sources and intense neutron beams – are now recognised as essential resources for a wide range of research activities in chemistry, physics and biology. The cost of such facilities and the lack of a sufficiently large user base will probably preclude their construction in the foreseeable future."

27 July 1989

- ANBUG Newsletter – "new Neutron Source Planned for the start of the next Century"

12 December 1989

- ANBUG Submission to "Australian Involvement in Overseas Neutron Sources"

16 April 1991

- ANBUG survey of Neutron Beam Usage and research needs.

15 July 1991

- ASTEC Study of

1993 and Beyond

- ANBUG Lapses

2001

- ANBUG resurrected

August 2006

- Introduction of ANBUG Awards
 - The ANBUG Award in Neutron Science
 - To recognize outstanding research in neutron science and leadership promoting the Australian neutron scattering community
 - The ANBUG Award for Career Achievements in Neutron Science
 - To recognize a sustained contribution to a scientific subfield, or subfields, using neutron scattering techniques

September-December 2006

- Commissioning of OPAL

January 2007

- First Call for Beam Time Proposals for OPAL

July 2007

- First peer review experiments at OPAL

17 April 2007

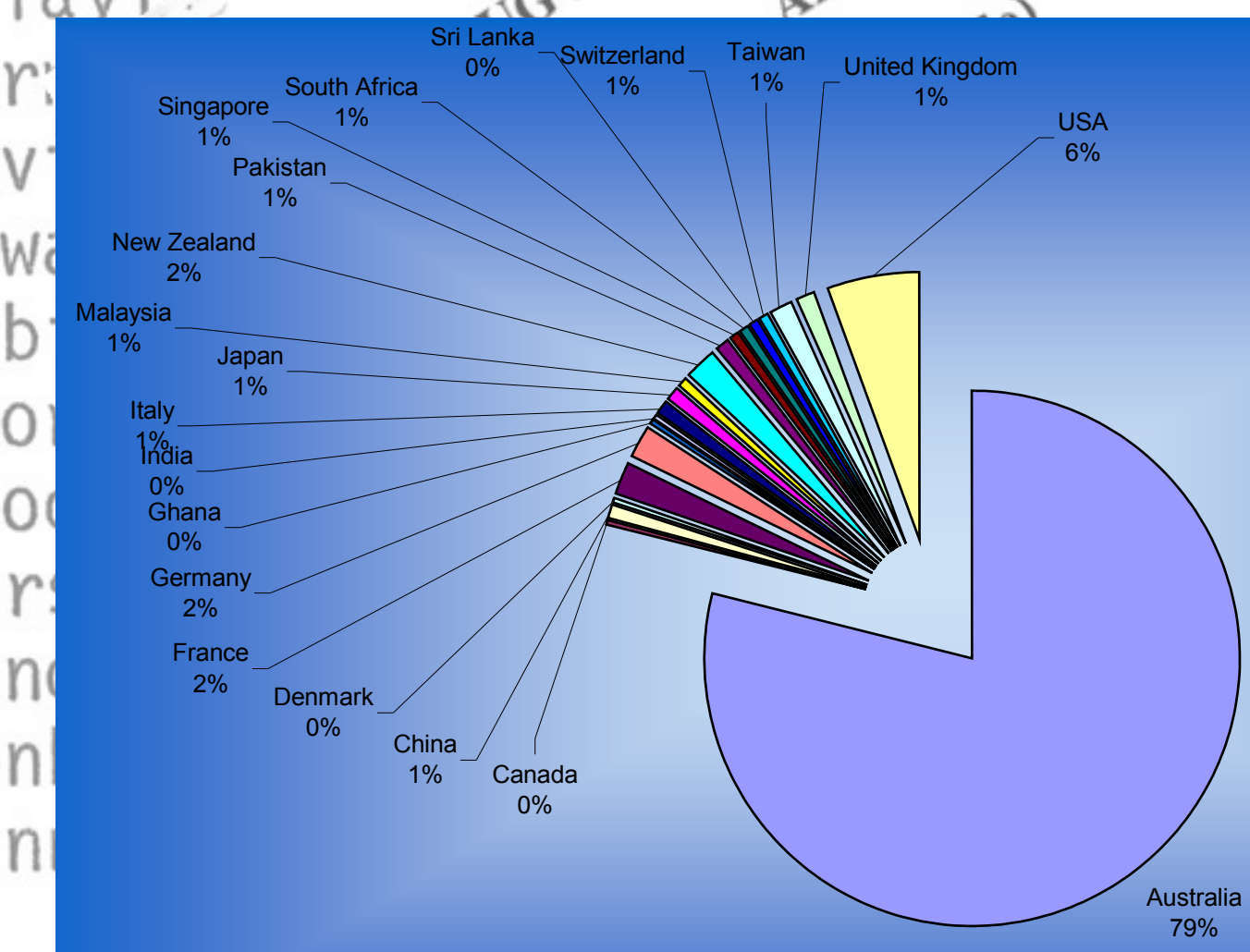
- Opening of OPAL

Establish Asian Pacific Society of Neutron Scattering Societies

First Asian Pacific Neutron Scattering Conference

ANBUG Membership

- 309 members, December 2006
- No Fees
- Limited Funds – Used to Support neutron Scattering Community, particularly research students and post-docs
- ANBUG members contribute to organisation of:
 - 4th AINSE-ANBUG Neutron Scattering Symposium 13-15 December 2004
 - International Conference on Neutron Scattering, ICNS2005, 27 Nov – 2 Dec 2005
 - 5th AINSE-ANBUG Neutron Scattering Symposium 11-13 December 2006



ANBUG Committees

DATE	PRESIDENT	SECRETARY
19 April 1979	K N R Taylor	F H Moore
15 April 1980	T M Sabine	F H Moore
17 September 1982	T M Sabine	F H Moore
21 February 1985	T M Sabine	F H Moore
11 February 1987	T J Hicks	L R Davis
27 July 1987	Rod Hill	Lindsay Davis
24 August 1989	Rod Hill	Lindsay Davis
17 September 1992	Brian O'Connor	Lindsay Davis
1992-93	Around 80 members but ANBUG somehow dwindles	
July 2001 – 2002	Brendan Kennedy	Rob Robinson
1 January 2003 - 2004	Ian Gentle	Rob Robinson & Jamie Schulz
1 January 2005 - 2006	Stewart Campbell	Jamie Schulz
1 January 2007 - 2008	Craig Buckley	TBA

View to the Future

- Role/Activities of ANBUG
- WEB < www.anbug.org > - Keep Members Informed
 - Undertake Surveys on neutron related issues
 - Instrument Advisory Teams; Approaches to Bragg, ANSTO, AINSE, NCRIS
- President
- 2000-2006: Member of BIAG, the Beam Instrument Advisory Group which oversees the progress of the Instruments and the IATs as reported by the Instrument Scientists.
 - 2007- : Member of the PAC, the Programme Advisory Committee established by the Bragg Institute to oversee OPAL beam time proposals and provide policy advice to the Bragg Institute.

Feedback

- We intend to make background information on ANBUG available on <www.anbug.org>
- If you have any suggestions or details on times past please contact Stewart or Jamie or any member of the committee