

**BL20B: The Australian National Beamline Facility.  
Celebrating over 20 years of Australia-Japan Research Collaboration  
at the Photon Factory**

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Australian use of synchrotron radiation research techniques grew steadily from the early 1990's via access to overseas facilities provided by the Australian Synchrotron Research Program. This very successful "suitcase science" program led directly to the construction of a synchrotron light source facility in Australia: the Australian Synchrotron opened in 2007 and now has over 3000 registered users.

The Australian National Beamline Facility (ANBF), Australia's first synchrotron beamline, was installed at BL20B at the Photon Factory in 1992 and officially opened in 1993. This beamline, and the generosity of the Photon Factory and the KEK, was crucial to the development of Australia's synchrotron user community and eventually to the agreement by Australian governments to fund the construction of the Australian Synchrotron. At its peak the ANBF hosted over 50 Australian research groups and produced an average of over 70 publications each year. Both the ANBF and the very close relationship with the Photon Factory are highly valued in Australia. The history of Australia's involvement at the Photon Factory will be presented, along with some selected highlights of the ANBF over its long life.