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**Quokka: The Small-Angle Neutron Scattering Instrument at the Australian Replacement Research Reactor.** E.P. Gilbert, T. Noakes, P. Abbeywick, P. Baxter, A. Brule, F. Darmann, N. Hauser, E. Imamovic, J. Schulz, Bragg Institute, ANSTO, PMB 1, Menai, NSW 2234, Australia, e-mail of corresponding author: [epg@ansto.gov.au](mailto:epg@ansto.gov.au).

A small-angle neutron scattering (SANS) instrument is being designed as part of the initial instrument suite for the 20-MW Australian Replacement Research Reactor. The new instrument, receiving neutrons from a large liquid-D<sub>2</sub> cold source, will be in the spirit of the world's best facilities and will greatly build upon the Australian Nuclear Science and Technology Organisation's existing expertise and facilities. Scheduled for completion in July 2006, it will provide Australian and international researchers with opportunities to access state-of-the-art SANS instrumentation. The details of the new SANS will be presented.

[1] E. Gilbert, C.J. Garvey, J.C. Schulz and R.B. Knott, *Neutron News*, 14, 27 (2003)