

Scientific Highlights from Quokka, the 40m Pinhole Small Angle Neutron Scattering Instrument

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Quokka is the 40m pinhole Small Angle Neutron Scattering instrument (SANS) located at the OPAL research reactor at ANSTO, serving the needs of both domestic and international users [1]. Calibrated absolute scattering intensity measurements in a standard setup may be made over a range of wavelengths between 4×10^{-3} Å-1 and 0.7 Å-1.

Outputs from Quokka have been published in diverse fields such as magnetism, metallurgy, mineralogy, structural biology, polymers, food science and soft matter. We present here a selection of recent scientific highlights.

[1] K. Wood, J. P. Mata, C. J. Garvey, C. M. Wu, ... and E. P. Gilbert, *J Appl Crystallogr*, 2018, 51, 294-314.

Speakers Gender

Female

Travel Funding

No

Level of Expertise

Experienced Researcher

Do you wish to take part in the poster slam

No

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