

The Madsen-Gore Award for Excellence in X-ray and Neutron Analysis

Closing Date for Submission of Nominations: 30th September 2026

This award will celebrate "an outstanding application of analytical technique(s) using X-ray or neutron scattering in laboratory and/or major radiation facilities so as to achieve significant impact in a field of endeavour". The award will perpetuate the contributions of the persons after which the award is named.

The award will comprise an engraved plaque.

Selection Criteria:

1. The principal criterion is excellence of the application of analytical technique(s) to achieve significant impact in the field of endeavour. Work in areas beyond those central to AXAA's core analytical activities using X-rays and/or neutron scattering will not be considered. However, application of the methods from a diverse range of fields, such as minerals, materials, processing, manufacturing, environment, energy, cultural heritage, health and biomaterials will be accepted.
2. The recipient will be a mid-to-late career scientist (more than 10 years in industry or since PhD conferral at the time of the Closing Date for Submission of Nominations).
3. The period over which the contribution is to be considered will be at least 5 years.
4. All or most of the cited work will have been conducted in Australia.
5. The recipient will have been a member of AXAA for at least 5 years prior to the application being submitted.
6. It is desirable, but not essential, that the applicant has contributed to AXAA in a substantial way, for example through quality presentations at AXAA national conferences and/or administrative service for AXAA.
7. Past recipients of this award will not be considered for a second award.

Applications:

Applications submitted by either a nominator or the nominee will be accepted and will comprise:

1. The nominee's CV (including a publication list).
2. A detailed citation (statement, no more than three pages) highlighting the excellence of the nominee's contribution and addressing the primary selection criterion.

Applications are to be submitted in electronic form to the AXAA email address: ausxray@gmail.com

Selection Process:

1. The AXAA National Council will appoint a selection panel of three people for the award.
2. The selection panel will make a recommendation to the AXAA National Council who will make a formal decision on the recommendation. The decision will be final, and there will be no appeal process.
3. The AXAA National Council reserves the right to withhold the award if no suitable candidates of sufficiently high standard are nominated.

The award will be presented at the AXAA 2026 Conference.