

ANSTO and the Australian Synchrotron: Product Development, Process Improvement and Problem Solving for Materials Science and Industry

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ANSTO operates some of Australia's world class national research infrastructure. Facilities like the Australian Synchrotron and the Australian Centre for Neutron Scattering provide cutting edge tools to academic and industry researchers, empowering them to problem solve and innovate in a wide range of sectors, including materials science, additive manufacturing, alloys, ceramics and polymers.

As well as servicing the traditional academic user base, ANSTO has an Industry Engagement team focused on supporting commercial customers to utilise the synchrotron's capabilities. However, going beyond the academic user base presents some challenges as well as opportunities.

This presentation will:

- Discuss how to raise awareness and understanding of technical capabilities to potential commercial clients
- Share ways to inspire businesses to explore applications and capitalise on the opportunities arising from our world class infrastructure
- Showcase existing case studies, demonstrating successful connections between science and industry

Examples of case studies with industry partners will be presented that highlight the capabilities and advantages of ANSTO to commercial and academic users. Lessons learned will be shared as well as a practical approach to achieving "buy in" from key decision makers to achieve mutually beneficial outcomes