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Type: Poster

ADS-1 and ADS-2: New high-energy X-ray beamlines at the Australian Synchrotron

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Eight new beamlines are currently under design or construction at the Australian Synchrotron as part of the BRIGHT project. Included among them are the Advanced Diffraction and Scattering beamlines, ADS-1 and ADS-2, which will offer high-energy X-rays (45-150 keV) for a variety of diffraction, imaging and tomography experiments. ADS will benefit users from the materials, minerals and engineering research communities who wish to study bulky or strongly absorbing samples and/or perform in situ measurements using complex sample environments. We present an update on the progress of the ADS project, including the latest design features of the two beamline endstations and the planned range of experimental capabilities.

Presenter Gender

Woman

Do you wish to take part in the Student Poster Slam

Condition of submission

Yes

Students Only - Are you interested in AINSE student funding

Level of Expertise

Experienced Researcher

Pronouns

Which facility did you use for your research

Australian Synchrotron

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