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KOALA 2: Implications for magnetic structural and exotic studies

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The KOALA single-crystal diffractometer has now been operating for more than a decade and is now nearing retirement (mid-2022). The technical improvements of the new KOALA 2 diffractometer, and the implications for conventional chemical crystallography are described in separate presentations at this meeting.

In this presentation we will present the implications for less conventional studies, such as: magnetic structures; incommensurate and other complex structures; very small samples; high-pressure experiments; studies over many temperatures; various preparatory studies of inelastic and diffuse scattering.

Level of Expertise

Expert

Presenter Gender

Man

Pronouns

He/Him

Which facility did you use for your research

Australian Centre for Neutron Scattering

Students Only - Are you interested in AINSE student funding

Do you wish to take part in the Student Poster Slam

Condition of submission

Yes

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Session Classification : Instruments & Techniques

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