



Contribution ID : 203

Type : Poster

## Kowari residual stress diffractometer

Thursday, 25 November 2021 17:36 (1)

Kowari is a residual stress diffractometer which can be used for 'strain scanning' of large engineering components as large as one ton. The integrity of engineering components often depends on strains and stresses inside the material. For example, rails can fail if stresses exceed the 'ultimate tensile stress'.

### Level of Expertise

Expert

### Presenter Gender

Man

### Pronouns

### 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** : Poster Session

**Track Classification** : Instruments & Techniques