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National Centre for Synchrotron Science



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Australian Synchrotron

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Synchrotron SAXS of Collagen Biomaterials for Industrial Applications

The Haverkamp research group at Massey University (NZ), scientists at the Australian Synchrotron, and a number of international companies are collaborating on several research projects into collagen materials using small angle X-ray scattering (SAXS). The research advances basic knowledge by revealing the structural basis of physical properties, boosts understanding which improves industrial processes control, and then informs the development of improved new materials. This poster gives a snapshot of current projects supported by collaborating companies.

Keywords or phrases (comma separated)

collagen, biomaterials, industry, SAXS, scaffolds, leather, pericardium

Are you a student?

No

Do you wish to take part in the Student Poster Slam?

No

Are you an ECR? (<5 yrs since PhD/Masters)

Yes

What is your gender?

Female

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Track Classification : Advanced Materials