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Reinventing lost art in reflectometry – as illustrated by polymer brushes

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Many innovative data analysis approaches have been developed since the inception of the reflectometry technique. Unfortunately many of them have fallen out of active use due to the lack of software tools implementing those approaches, that are available to the surface science community. In this talk we'll revisit several of those approaches and their application for studying polymer brush systems. The pivotal importance of tools in reproducible experimental workflows is explored, both from a toolmaker's point-of-view, and from that of a tool user.

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Instrumentation and methods

Primary author: Dr NELSON, Andrew (Australian Nuclear Science and Technology Organisation)

Co-authors: Prof. WANLESS, Erica (University of Newcastle); Prof. WEBBER, Grant (University of Newcastle); Dr ROBERTSON, Hayden (Technische Universität Darmstadt); Dr GRESHAM, Isaac (University of Sydney); Prof. PRESCOTT, Stuart (UNSW Sydney)

Presenter: Dr NELSON, Andrew (Australian Nuclear Science and Technology Organisation)

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