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Community insights on establishing a centre for AI in applied nuclear physics

Wednesday, 11 February 2026 14:00 (30 minutes)

In October 2025 a one-day community workshop was convened to explore the vision, scope, and feasibility of establishing a Centre for AI in Applied Nuclear Physics, with relevance to both civil and defence domains. The event brought together researchers, industry partners, and government stakeholders for a series of interactive sessions, keynote presentations, and a community poster forum.

This submission will report the key findings and themes that emerged from the workshop. These include community priorities for shared infrastructure, opportunities for coordinated development of open datasets, and identified needs in education and career pathways. Consensus views will be summarised alongside noted areas of divergence, and practical considerations raised regarding the Centre's proposed structure, remit, and long-term sustainability. This feedback aims to ensure transparency, maintain momentum, and invite further input from the nuclear community.

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