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Empowering South African Research through the Altron AI Factory

Wednesday, 3 December 2025 11:40 (20 minutes)

The Altron AI Factory provides South Africa's academic community with secure, locally hosted access to enterprise-grade AI infrastructure and services. Built in partnership with NVIDIA and hosted in Teraco's AI-ready data centre, it offers GPU-as-a-Service and AI-as-a-Service to accelerate research without heavy infrastructure costs.

This presentation highlights how universities and research institutions can leverage the AI Factory to advance data-driven studies, maintain data sovereignty, and collaborate across disciplines. Through high-performance computing, curated models, and managed services, the Altron AI Factory bridges the gap between academic research and industrial innovation to partner with South African academia to lead in the AI era.

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