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The Future of Rucio Deployments with ArgoCD

Tuesday 4 November 2025 14:00 (45 minutes)

CERN IT's Rucio-as-a-Service for Small and Medium Experiments (SMEs) introduces a modern infrastructure based on ArgoCD and Kubernetes, Vault, automatic DNS manipulation, etc ... moving beyond traditional Flux-based deployments seen in the community. This tutorial will demonstrate how new Rucio clusters can be created in minutes and explain why this approach should become the default for all Rucio deployments: it leverages widely supported tools, aligns with industry best practices, ensures reproducibility, and simplifies cluster management at scale.

This talk is suited for a tutorial/hands-on style slot.

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Session Classification: Tutorials