IRIS Collaboration Meeting – 2/7/25
Group Discussion Summary – Optimisation

1. Current Challenges

- Many facilities suffer from intermittent loads, inefficient use.
- Ease of Use: impacting use - e.g. GPU loads
- Federation - barrier to login to extra to those not using it.
- Standardization - on common schedule - SLURM
- Packaging codes - developing containers – not standard practices.
- Data movement - biggest issue to sorting - ACL
- Service Level Agreements (SLA) – Data Policy

2. Proposed Solutions

2.1 Communication

- Knowledge exchange events are needed to understand problems better.
- Where we are and how we can work together
- Understand what is out there
- Licensing Issues

2.2 Suggested Focus

- Cluster Workloads
- Data Movement
- Federation and Services
- User Experience -   use cases
- Many are not aware of the Slack channels. STFC ones are more active than IRIS but still useful.
- Need an active effort, advertise around IRIS collaboration for informal communication.
- A suggestion was also to join the STFC Cloud user liaison meeting.

2.3 Software

- To help portability across IRIS and reduce build issues, an agreed container registry to act as a library of common software for deployment.
- CEDA - containers good starting point

2.4 Hardware

- Another item for knowledge exchange was related to vendor tests. Many within IRIS are individually speaking to vendors but this could be coordinated as an IRIS activity to cover multiple use cases/demands.