

The case for an Open Computing Cluster

- **Bridging the gap** between large HPC infrastructures and small departmental clusters
 - Can be reconfigured and tuned to cater to the needs of a wide range of scientific use-cases
 - Close proximity between scientific users, system managers and technology experts
- A platform for **innovation** in Scientific Computing technologies
 - Multiple architectures, rich networking layers, flexible multi-tier storage
 - Management model more like a **collaborative research centre** than a service infrastructure
 - Modern **resource provisioning technologies** (e.g. collaboration with the INDIGO-DataCloud EU project)
 - Foster collaboration between users, developers, experts and technology providers