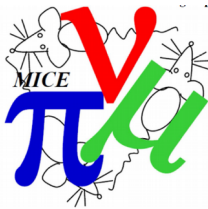


MLCR and Computing decommissioning

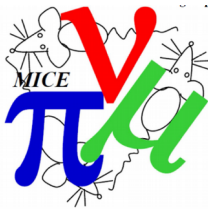
P. Franchini

MICE CM 51
June, 28 2018



Introduction

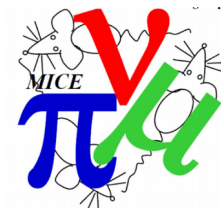
- Data taking over: less computing resources required
- ISIS is taking over the ex-MICE Hall and the Mice Local Control Room+rack rooms
- First plan proposed and agreed during CM50
- Main goals:
 - Keep the analysis going (reco, MC, MAUS, Archiver, ...)
 - Move valuable data in a safe place for further access
 - Clean up the infrastructure



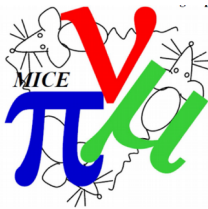
Introduction (2)

- PPD machines (mostly VM) will stay in place
- We have not moved machines into PPD
- We have moved only services
- Support/personnel being redefined
- To summarize:
 - What we have left running or migrated
 - What we didn't need anymore

What has been left



- **Webservers on PPD**
 - MICEMine
 - CDB viewer
 - eLog (not editable)
 - MAUS releases page
 - Reconstructed data index page
 - Jenkins: master and PPD notes
- **Rack Room**
 - MICENet
 - Target rack
 - Few clients in the control room



What has been left

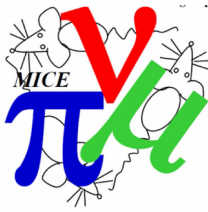
- **Services on PPD**
 - micemine storage area
 - CDB master and slave (in migration)
 - preprodCDB
 - Archiver data and ArchiveViewer
 - MAUS installation on PPD machines
 - New bastion access to be finalized (migration to voyager w/ ssh keys...)
- **IIT website (+ RAL mirror)**
 - Documents (notes, papers, thesis)
 - Mailing lists to be migrated to jiscmail
 - Photo album

What needs has been migrated



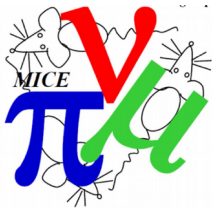
- CDB master and slave: on PPD ...in progress...
- Reco-Mover: on PPD (*see Paul K. talk*)
- Archiver data
 - Full copy on PPD (heplnv154)
 - Tarball on GRID
 - PV stored as text on the wiki
- MICE Net backups, Archiver data and /Data area: on the GRID

What **we** do **not** need anymore



- **MLCR**

- OPI clients
- IOC servers/devices/probes/sensors
- DAQ computers and electronics
- Storage, file compactor and MICE Net Datamover
- Online reconstruction
- Online monitoring
- Webcams
- Nagios
- KVM



but...

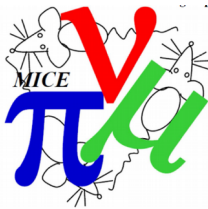
- Few meetings with Richard Brodie (ISIS)
- Handover of the **target** finalized: thanks Henry!
- Richard expressed interest in accessing what will be left behind in the hall
- Provided instructions, list of machines, low level hardware, webcams, passwords, ...

What we do **not** need anymore



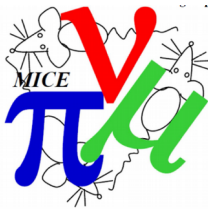
- **PPD:**
 - CHEESE (snapshot on the wiki)
 - mousehole bastion

- **In general** around the MICE area:
 - Unused machines have been turned off, list sent to the owners, some other moved back (mostly Brunel)



After June

- Most important task is to keep the analysis going
 - Analysis software
 - Reconstruction
 - Simulation
- Handover meeting with Paul Kyberd to redefine the roles and the people (#1947)
- Clean up the bastion users list and migrate them to voyager



Conclusion

- Migration out from the MLCR nearly completed
- Valuable data secured on the GRID
- Personnel handover being discussed

- All the analysis tools and resources left in place and fully functional