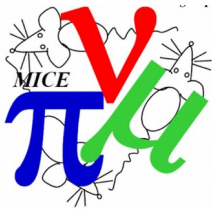# Future of the computing infrastructure
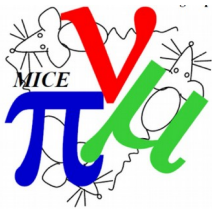
P. Franchini

MICE CM 50
1st[st] March 2018

Introduction

- After June the Mice Local Control Room and the rack rooms will be gone (apart from the Target infrastructure left to ISIS)

- PPD machines (mostly VM) will stay in place

- We will not move machines into PPD

- We will move only services

- Support needs to be redefined

- → What we want to leave running
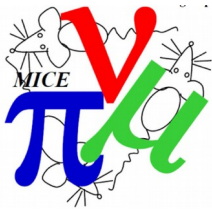
- → What we will not need anymore

What will be **left**

- **Webservers on PPD**

    - MICEMine

    - CDB viewer

    - eLog (not editable)

    - MAUS releases page

    - Reconstructed data index page

    - Jenkins: master and PPD notes at least

- **Rack Room**

    - Small subset of MICENet for the Target

    - Target rack with one software ioc running

        + 1 OPI, 1 IOC and 1 webcam

What will be **left**

- **Services on PPD**

  - www storage area

  - CDB master and slave (to be migrated)

  - preprodCDB

  - Archiver data and ArchiveViewer

  - MAUS installation on PPD machines

  - New bastion access to be defined (migration to voyager)

- **IIT website**

  - Documents (notes, papers, thesis)

  - Mailing lists

  - Our nice memories in the photo album

What needs to be **migrated**
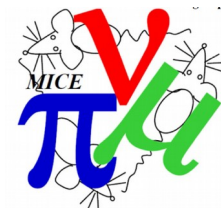
- CDB master and slave: on PPD

- Reco-Mover: on PPD *(see Henry's talk)*

- Archiver data

  - Live on PPD (heplnv154)

  - Final tarball on GRID

- MICENet backups and /Data area: on the GRID

- EPICS repository: part on launchpad, part on the GRID

- Scripts, documents, calibrations, code not pushed, random files save locally on machines not in backed-up areas: **LOST!**
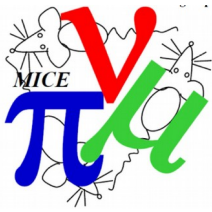
What we do **not** need anymore
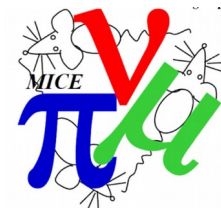
- **MLCR**
  - OPI clients
  - IOC servers/devices/probes/sensors
  - DAQ computers and electronics
  - Storage and Datamover
  - Online reconstruction
  - Online monitoring
  - Offline reconstruction
  - Webcams
  - Nagios

What we do **not** need anymore

- **PPD**:

  - CHEESE

  - mousehole bastion

  - Storage area for the reconstructed data

- **In general** around the MICE area:

  - Everything in place until the end of the migration

  - Machines and devices will turned off and left in place/sent back to owners/reassigned

  - List provided
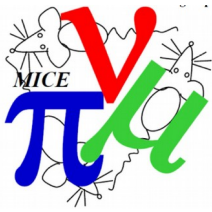
After June

- Tide up the instructions

- Personnel
  - Present admins will be gone
  - Define a person that will step in
  - Handover (ssh keys, accounts, etc)

- User's access
  - Move to a general PPD bastion
  - Clean up the list of users on PPD
  - Define sudoers and special users for remaining services