MIT Heavy Ion Group SubMIT Usage

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- MITHIG is part of the sPHENIX and CMS high-energy physics experiments
  - MITHIG sPHENIX members use Brookhaven National Laboratory RCF computing
  - MITHIG CMS members use lxplus (CERN computing) + subMIT + grendel (MITHIG machine)

- Common workflows for members working on CMS who use subMIT:
  - Analyzing data on T2_US_MIT (the output of Condor or CRAB jobs that were run on lxplus)
  - Running condor jobs on data on T2_US_MIT (the output of CRAB jobs that were run on lxplus)
  - Skimming data on T2_US_MIT (the output of CRAB jobs that were run on lxplus) and transferring to grendel for further analysis

- MITHIG needs
  - On the order of ~5 TB storage per user available (~½ of MITHIG CMS members use submit)
  - Reliable access to T2_US_MIT and Condor
  - Access to CERN computing components such as CMSSW, xrootd, root, etc