- We have presented several examples of operational issues which affect keeping the Grid full and working with ATLAS production and physics jobs and the current strategies from the ATLAS system to cope with them.

  - Memory - Memory limits are profiled from real executed jobs, if jobs still fail due to memory they are resubmitted individually with higher limits.

  - Worldwide distribution - The classical grid federations are replaced by one region called WORLD where all sites belong. Each task is processed by 1 site acting as nucleus and 10 sites acting as satellites.

- ○ Critical tasks - Multiple copies of identical jobs are submitted to be sure they start in order to mitigate possible last minute site issues. Once the first instance starts to run the duplicate jobs are cancelled.

- ○ Lost files - Lost files are replaced if necessary by resubmitting the job or jobs that created them data taking into account the dependencies on tasks using the lost data.