Managing the CMS Data and Monte Carlo Processing during LHC Run 2

> The LHC is performing even beyond planned performance

> Data taking, data processing and corresponding MC production became resource constrained

> A number of recent developments enable CMS to cope with the situation

- Pooling of resources

- Agile utilization

- Tools for automation

- Provisioning of resources beyond classical Grid sites

> The presentation gives an overview and will reference many other CHEP contributions with additional details