Towards a (semi-)elastic Data Center?

• Given the foreseen huge increase of resources we are testing usage of remote farms as an extension of Tier-1

• Static allocation of remote resources: part (~10%) of CPU resources for WLCG experiments at CNAF are in a remote farm (~1000 km apart)

• We are also testing cloud bursting on commercial providers (small amount of resources so far)

• Cache is an item to be investigated

• Results are promising