

# 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 ( $\sim 10\%$ ) of CPU resources for WLCG experiments at CNAF are in a remote farm ( $\sim 1000$  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