

## ADC Resource Management Coordinator

The ADC Resource Manager will be in charge of quantitatively estimating the amount and type of resources needed for computing activities in the medium term (3 to 6 months). In this role, the resource manager should:

- Liaise with Monte Carlo, reprocessing and train coordinators and understand the type of workload which ATLAS will need to run in the next months
- Estimate the CPU/WallClockTime time needed to complete each activity and which kind of resources will be needed (e.g single vs multi core, high memory, long queues)
- Collect the list of data types which will be produced and estimate the number of files and the disk and tape space needed to store each output
- Communicate regularly with the ADC Data Management and the ADC operations coordinations to ensure ATLAS can accommodate the requests in terms of resources
- For the initial phase, the focus would be on the estimate of resources for the Reduction Framework based activities and the liaison with the Train Coordinators. On a second phase, also the other aspects should be covered
- The amount of effort needed is estimate in 0.5 FTEs of a person already knowledgeable of many aspects of ATLAS Distributed Computing. We would prefer a solution with two co-coordinators at 25% of the time each. Presence at CERN of one of the two would be mandatory.

Nurcan Ozturk and James Catmore agreed to take this role (25% each)