* On "orcsub" command, jobs are named via the following protocol: <local file directory as per configfile>/hpc-orchestrator/<workspace>/<date/time of "orcsub" command like YYYY-MM-HHTMM/SS.SSSSSS>_<name of first file in orcsub command>.
Because of this very specific time labelling, every job will have a unique name.

User runs job using "**orcsub**" & specifying script & input file/s

Orchestrator uses nominated script, file/s & application to run job on remote HPC account - files are named uniquely (see * below)

Job is queued by Orchestrator until User's account at the HPC has space to run the job

User's HPC Account - Job Scheduler

Job runs on HPC

Intersect's HPC Orchestrator installed on User's computer

HPC User

User targets their remote HPC account & sets which application to use for jobs in the config file. These are saved by the Orchestrator for all successive jobs (these may be updated if a different HPC, User account or application are required).

User is able to see the status of all their jobs at any time by using "**orcstat**" command

Job is returned from HPC with "Completed" or "Error" status

HPC Facility Super Compute Nodes