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#!/bin/bash
# Template file for submitting Geant run to cluster

# Set job name
#PBS -N RSM_Opt
# Set output options (output and error files)
#PBS -j oe
# Shell
#PBS -S /bin/bash
# Number of nodes and processors
#PBS -l nodes=1:ppn=4
# Max walltime
#PBS -l walltime=10000:00:00
# Set queue
#PBS -q unlimited
# Job is rerunnable
#PBS -r n
# Export Users Environmental Variables to Execution Host
#PBS -V

# Change to work directory
cd $PBS_O_WORKDIR
# Set Open MPI settings
export OMP_PROC_BIND=true
export OMP_PLACES=threads
export OMP_NUM_THREADS=4
# Run file
filename -t 4
# Print completion date
date
```