Successful optimization:

opt.trace.0:
dispatched simulation with ID 0
dispatched simulation with ID 1
dispatched simulation with ID 2
dispatched simulation with ID 3
dispatched simulation with ID 4
dispatched simulation with ID 5
dispatched simulation with ID 6
dispatched simulation with ID 7
dispatched simulation with ID 8
dispatched simulation with ID 9
job with ID 1 delivered results
job with ID 0 delivered results
job with ID 2 delivered results
job with ID 3 delivered results
job with ID 4 delivered results
job with ID 5 delivered results
job with ID 6 delivered results
job with ID 7 delivered results
job with ID 8 delivered results
job with ID 9 delivered results
dispatched simulation with ID 10
dispatched simulation with ID 11

pilot.trace.0:

new opt job with ID 0
sent job with ID 0 to worker 1
new opt job with ID 1
sent job with ID 1 to worker 2
new opt job with ID 2
new opt job with ID 3
new opt job with ID 4
new opt job with ID 5
new opt job with ID 6
new opt job with ID 7
new opt job with ID 8
new opt job with ID 9
worker finished job with ID 1
sent job with ID 2 to worker 2
worker finished job with ID 0
sent job with ID 3 to worker 1
worker finished job with ID 2
sent job with ID 4 to worker 2
worker finished job with ID 3

sent job with ID 5 to worker 1
worker finished job with ID 4
sent job with ID 6 to worker 2
worker finished job with ID 5
sent job with ID 7 to worker 1
worker finished job with ID 6
sent job with ID 8 to worker 2
worker finished job with ID 7
sent job with ID 9 to worker 1
worker finished job with ID 8
worker finished job with ID 9
new opt job with ID 10
sent job with ID 10 to worker 1
new opt job with ID 11
sent job with ID 11 to worker 2
worker finished job with ID 10
worker finished job with ID 11

opt.progress.0:

Mon Jun 15 13:41:33 2020

_____
GENERATION 2
TOTAL = 49.8999s
time per accepted ind   = 4.98999
time per infeasible ind = 0
Statistics: individuals
          accepted = 10
          infeasible = 0

_____
Total: 10

_____

stdout:

Timings{0}> ---
Timings{0}>   Timing results for 4 nodes:
Timings{0}> ---
Timings{0}> mainTimer........... Wall tot =   60.7269, CPU tot =   60.59
Timings{0}>
Timings{0}> Fast inside test.... Wall max =   0, CPU max =   0
Timings{0}>   Wall avg =   0, CPU avg =   0
Timings{0}>   Wall min =   0, CPU min =   0
Timings{0}>
Timings{0}> Initialize geometry. Wall max =   0, CPU max =   0
Timings{0}>   Wall avg =   0, CPU avg =   0
Timings{0}>   Wall min =   0, CPU min =   0
Timings{0}>

```
Timings{0}> Inside test......... Wall max =              0, CPU max =            0
Timings{0}>                        Wall avg =            0, CPU avg =          0
Timings{0}>                        Wall min =            0, CPU min =          0
Timings{0}>
Timings{0}> Particle Inside..... Wall max =             0, CPU max =           0
Timings{0}>                        Wall avg =            0, CPU avg =          0
Timings{0}>                        Wall min =            0, CPU min =          0
Timings{0}>
Timings{0}> Ray tracing......... Wall max =             0, CPU max =           0
Timings{0}>                        Wall avg =            0, CPU avg =          0
Timings{0}>                        Wall min =            0, CPU min =          0
Timings{0}>
Timings{0}> Secondary emission.. Wall max =              0, CPU max =            0
Timings{0}>                        Wall avg =            0, CPU avg =          0
Timings{0}>                        Wall min =            0, CPU min =          0
Timings{0}>
Timings{0}> ----------------------------------------------------------------
```

Unsuccessful optimization:

opt.trace.0:

```
dispatched simulation with ID 0
dispatched simulation with ID 1
dispatched simulation with ID 2
dispatched simulation with ID 3
dispatched simulation with ID 4
dispatched simulation with ID 5
dispatched simulation with ID 6
dispatched simulation with ID 7
dispatched simulation with ID 8
dispatched simulation with ID 9
job with ID 1 delivered results
job with ID 0 delivered results
```

pilot.trace.0:

```
new opt job with ID 0
sent job with ID 0 to worker 1
new opt job with ID 1
sent job with ID 1 to worker 2
new opt job with ID 2
new opt job with ID 3
new opt job with ID 4
new opt job with ID 5
new opt job with ID 6
new opt job with ID 7
new opt job with ID 8
```

new opt job with ID 9
worker finished job with ID 1
sent job with ID 2 to worker 2
worker finished job with ID 0
sent job with ID 3 to worker 1
worker finished job with ID 2
sent job with ID 4 to worker 2
worker finished job with ID 3
sent job with ID 5 to worker 1
worker finished job with ID 4
sent job with ID 6 to worker 2
worker finished job with ID 5
sent job with ID 7 to worker 1
worker finished job with ID 7
sent job with ID 8 to worker 1
worker finished job with ID 6
sent job with ID 9 to worker 2
worker finished job with ID 8
worker finished job with ID 9

opt.progress.0:
not created

stdout:

hangs during repetition of :
Ippl> CommMPI: Parent process waiting for children ...
Ippl> CommMPI: Initialization complete.