

### General information

- Each domain periodic in all directions
- Argon gas simulated in each domain
- No controllers imposed
- Total simulation time: 1ns

### DSMC Information

- Each particle equal to 1 molecule
- Time-step: 10 femtoseconds
- Total time-steps: 100,000
- Particles per domain: ~13000
- Larsen-Borgnakke Variable Hard Sphere collision model used with Bird's NTC

### MD Information

- Time-step: 2 femtoseconds
- Total time-steps: 500,000
- 3293 molecules
- Typical Lennard-Jones with cut-off set at 2.3nm
- Electrostatic forces calculated using Coulomb model with same cut-off

