

DEM Assignment – 2

DEM Simulation of Two Different
Particle Mixing in an Y Section

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Problem Statement 1 :

DEM Simulation of Two Different Particle mixing in an Y Section

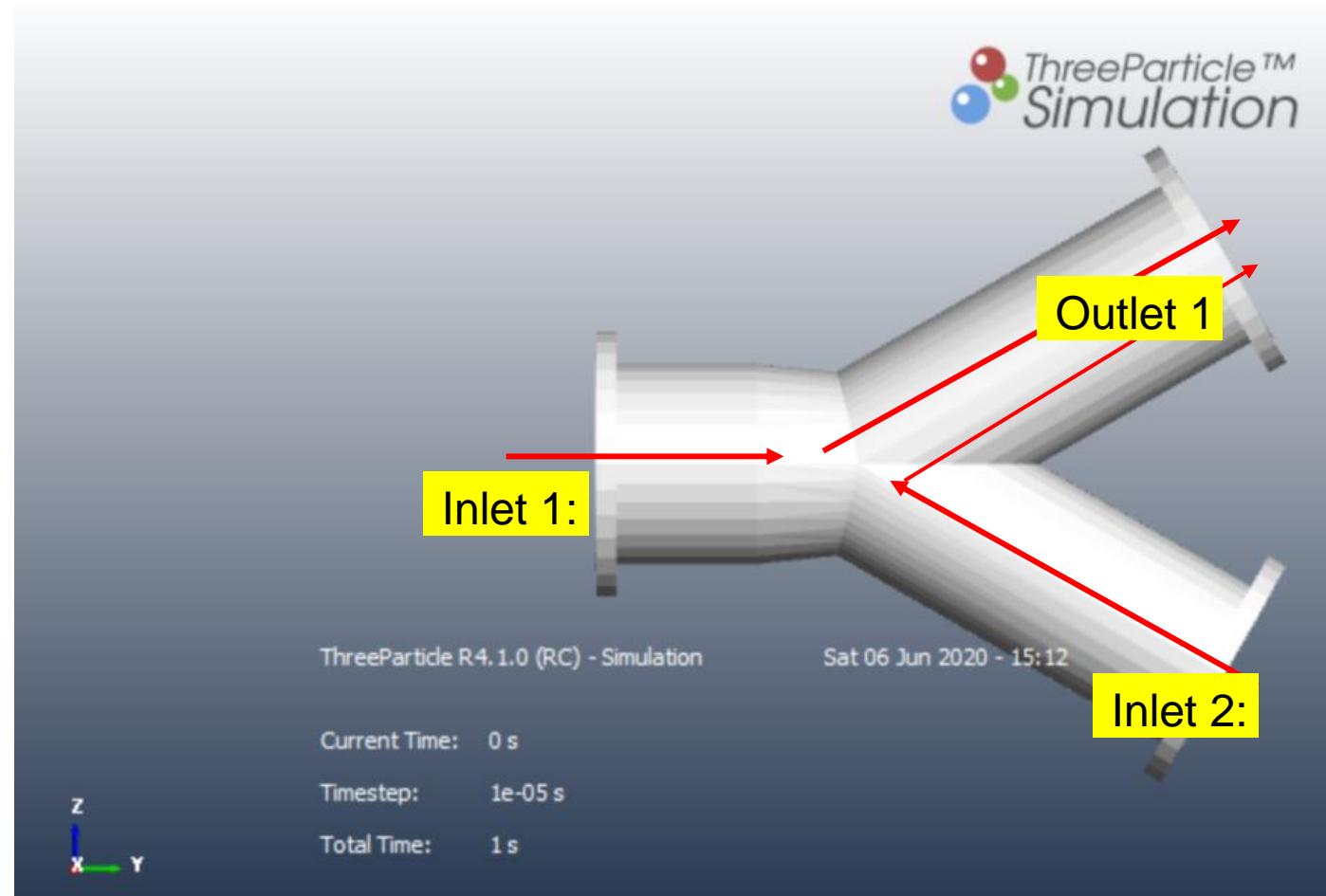
Inlet 1 & Inlet 2

Two different size particles will enter and exit at outlet.

Challenge is to stabilise the speed and volume of particle so that the particle entered from Inlet 2 don't go out of Inlet one – instead it goes in outlook 1.

Take the particle size

1. 0.025 m
2. 0.0275 m



use the fields feature for model 2 at the inlets to avoid sticking and adding an external force at the inlet area



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