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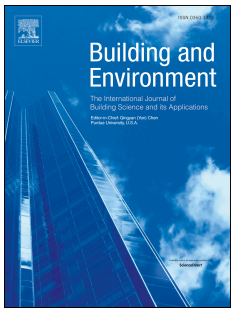

Modeling of dynamic deposition and filtration processes of airborne particles by a single fiber with a coupled lattice Boltzmann and discrete element method

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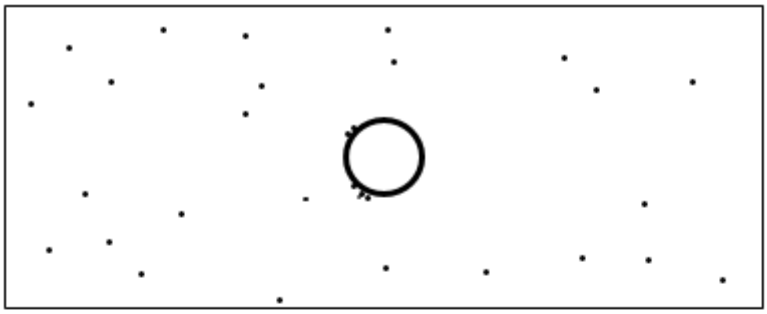
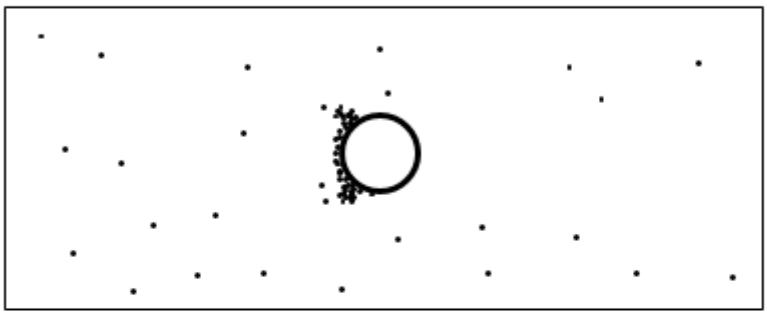
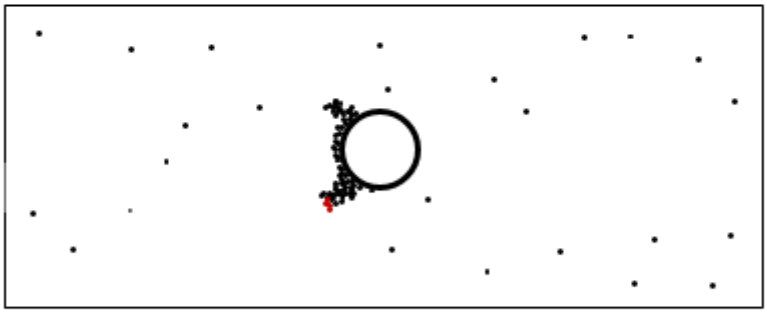


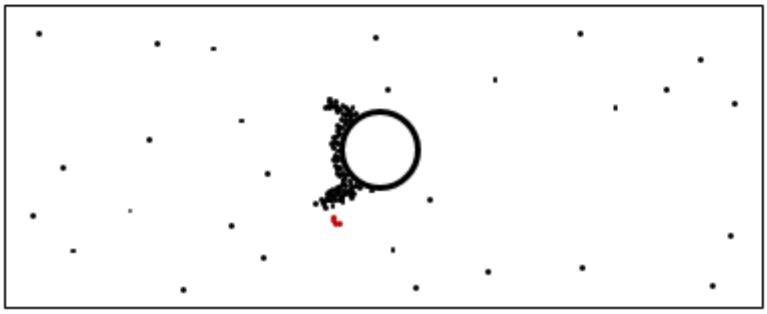
τ^*=10



τ^*=100



τ^*=250



τ^*=350

Modeling of dynamic particle deposition on a fiber with LBM and DEM method.