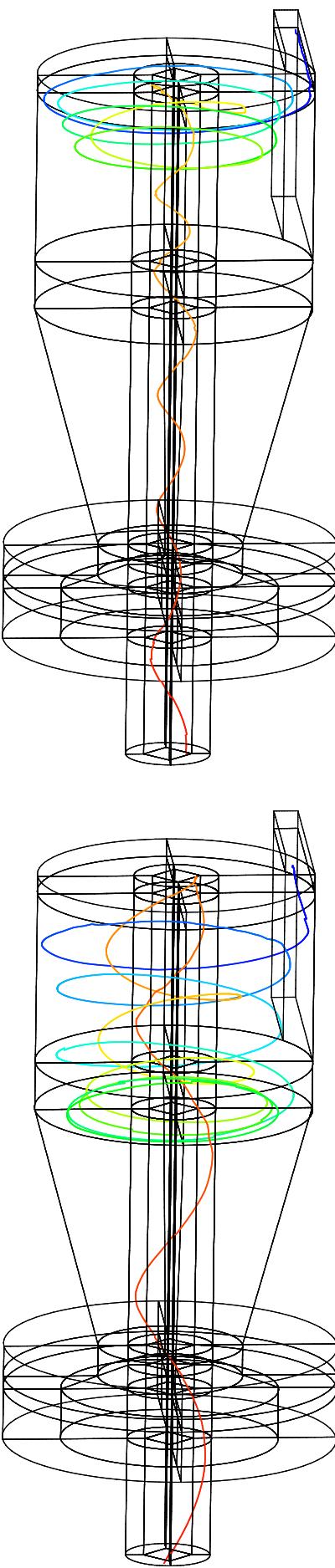
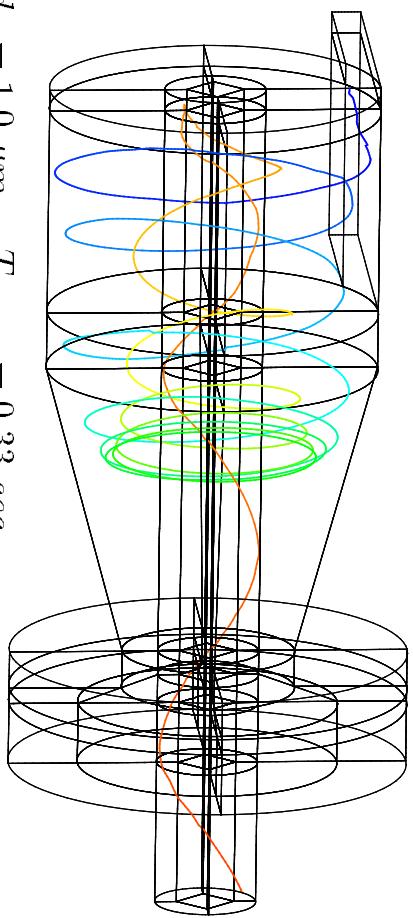


# Particle trajectories in ZT30 cyclone

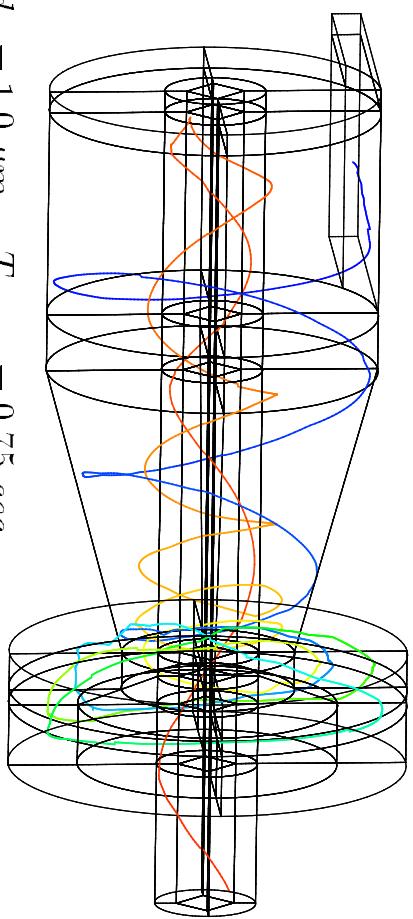
Particle trajectories for  $d_p = 0.5 \dots 1.0 \mu m$ , color corresponds to particle residence time



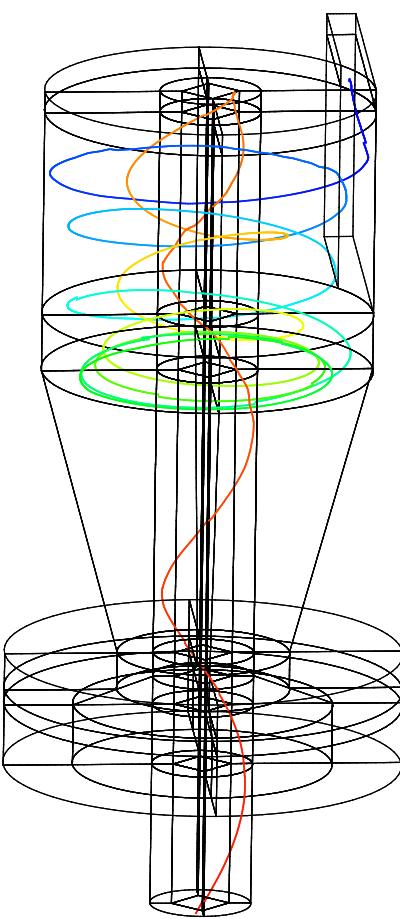
$$d_P = 0.5 \mu m, \quad T_{P,max} = 0.17 \text{ sec}$$



$$d_P = 1.0 \mu m, \quad T_{P,max} = 0.33 \text{ sec}$$



$$d_P = 0.5 \mu m, \quad T_{P,max} = 0.26 \text{ sec}$$



$$d_P = 1.0 \mu m, \quad T_{P,max} = 0.75 \text{ sec}$$

## Investigation of Particle Separation in Symmetrical Double Cyclone Separators

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