
**Modeling and Simulation for
Effective Solids Handling of Wet Fibers**

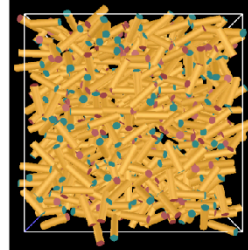
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Modeling and Simulation for Effective Solids Handling of Wet Fibers

Research Team: Yu Guo (postdoc) and Jennifer Curtis

Overview: Characterization of Wet Flexible Fibers via Discrete Element Method (DEM) Simulation



Technical Information: [Extend DEM models for spheres to include flexible bonds between wet or dry constituent particles describing a fiber](#)

Industrial Relevance: Shell for biomass applications; polymeric fibers, membranes, pulp fibers, and grains