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SIMULATION OF SEGREGATION AND MIXING PROCESSES IN PARTICLE FLOWS

- Segregation of different particle sizes (Brazil Nut Effect)
- Dynamic calculation of local quantities
 - Density distribution for each particle phase
 - Velocity field
 - Pressure distribution
 - Shear forces
 - Energy dissipation
- Virtual evaluation of
 - Quality of separation or mixing processes
 - Mixer device design
 - Mixing times

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