

# Adhesion Force Calculation for Particles of Arbitrary Shape

Particles in dry air

- London - van der Waals - interaction
- arbitrary shape of particle
- arbitrary orientation against wall
- Hamaker summation method

3-dimensional calculation

2-dimensional calculation (projection)

Correlation between 3-dim. and 2-dim.

Image analysis

- Particle size distribution
- Particle shape characterisation
- Adhesion force distribution

