We want DEM to reach the maturity of FEM



EUVEN BIOSYST-MeBioS

More realism – road 1

there is no substitute for physics

- 🔈 we need
 - ▲ (more) realistic shape representation
 - realistic contact laws relating to particle properties
 - k realistic system size
 - computational resources (parallellism)
- involves efforts in
 - 📐 code development
 - 📐 simulations
 - 📐 experiment
 - 📐 theory





More realism – road 2





More realism – road 2

▲ danger ahead

- "push the button" approach
 interpolation vs extrapolation
 information exposure of experiment
 need to be put on firm footing
 involves efforts in
 code development
 simulations
 experiment
 - 📐 theory

