

## Computer simulations of patchy particles

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### Abstract

In this talk we show results of molecular dynamics using a continuous pair potential between the anisotropic particles. The different families of anisotropic particles (Janus, one-patch, etc.) can get by modulating a parameter in the potential. In particular, we show results varying the middle band of the system called triblock Janus inverse. This continuous potential presents an opportunity to study the dynamics of formation of particles with patches on the surface.