

(Top left) Equilibrium position of a cubic particle adsorbed at a fluid-fluid interface. The blue grid shows the interface shape. (Top right) Contour plot of the interface where red is high and blue is low. (Bottom) Hexagonal and honeycomb lattices formed by cubes interacting via dipole-dipole (left) and tripole-tripole (right) interactions. Selected for an Editors' Suggestion. [Giuseppe Soligno, Marjolein Dijkstra, and René van Roij, Phys. Rev. Lett. **116**, 258001 (2016)]

NEWSPAPER

PHYSICAL REVIEW LETTERS

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