



2006 Boulder School for Condensed Matter and Materials Physics
Physics of Soft Matter: Complex Fluids and Biological Physics

Mimicking Nature via Directed Materials Assembly

Wednesday, July 12, 2006

7 to 8 p.m.

Duane Physics Building

Room G1B20

University of Colorado



Nature produces a vast array of materials with extraordinary compositional and structural precision. In this talk, we will introduce specific examples of how materials are engineered in nature to yield the desired functionality, such as high strength or novel optical properties. We will then explore various ways in which one can mimic nature by directing materials assembly to create structures that may find potential application as structural materials, photonic materials and microlens arrays.



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- » See web site at <http://colloids.mse.uiuc.edu>

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