

2020 KNOBLER LECTURE

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“Viruses - A Physical Chemistry of Materials Perspective”



In this presentation I will try to sketch the path we have taken in creating and observing mesoscopic systems that functionally represent more than the sum of their parts. I will focus on a class of composite nanomaterials where concerted action among constitutive subunits can lead to unique properties, including mechanical and photonic properties. These nanomaterials are derived from or inspired by virus particles, which draw some of their own complex function from the organized structure and concerted action of their molecular components.

Monday, Feb. 24, 2020
4:00 PM
2033 Young Hall