



THE INSTITUTE FOR  
MOLECULAR  
ENGINEERING

# Seminar Series

**SPEAKER**

**Gerald G. Fuller**

Chemical Engineering, Stanford University



## The Dynamics of Two Biological Interfaces

Biological systems are normally high-interface systems and these surfaces are laden with biological molecules and cells that render them mechanically complex. The resulting nonlinearities with response to surface stresses and strain are often essential to their proper function and these are explored using recently developed methods that reveal an intricate interplay between applied stress and dynamic response. Two applications are discussed.

**Wednesday, April 2<sup>nd</sup>**  
**2 PM BSLC 205**

<http://ime.uchicago.edu/>

