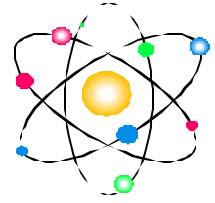




# *The Friday Thing*



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Physics Department  
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Membrane Curvature  
Physics Meets Physiology

Whether we're aware of it or not, membranes are an essential part of life, since they hold everything together! In this talk, I will provide an overview of experimental and theoretical approaches to the study of the curvature of soft interfaces. In particular, I will look at two very popular examples of soft materials: red blood cells and soap films. I will also discuss theoretical approaches to descriptions of the curvature of these and other systems.

Date: Friday, February 2, 2001

Place: MacNaughton 222

Time: 12:30 p.m.

**Cookies will be served. Don't forget your lunch.**



*Pictured above:  
Red blood cells approx. 8  $\mu\text{m}$  in diameter.*