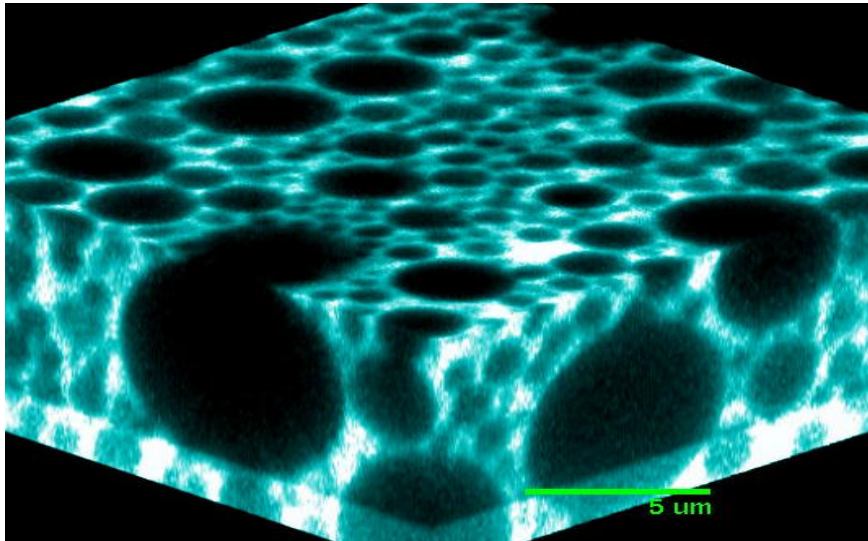


PUBLIC LECTURE

Squishy Physics: How Foam Flows, Jello Gels and Sand Slips



[Picture of a material that is very similar to shaving cream. The three-dimensional image of the internal structure is produced with a confocal microscope.]

Shaving cream is comprised of water, air and a detergent; none of these materials is a solid, yet shaving cream remains in your hand when you turn it upside down, and does not flow, exactly like a solid. Why? What makes shaving cream a solid? Many other materials that we encounter daily have similar contrasting behaviors; they have both solid-like and liquid-like properties. In this talk, we will explore the origin of these qualities, and will discuss how the unique structure of materials leads to their properties.

**Thursday, July 5, 7:30 pm,
Duane Physics Building, Room G1B20**

For information call (303) 492-6952. For location of the Duane Physics Building please consult the University of Colorado Campus Map.

Professor David A. Weitz is the Gordon McKay Professor of Applied Physics and Professor of Physics at Harvard University. He is a leader in the study of soft condensed matter, materials that are easily deformed, and has been a researcher in both industrial and academic laboratories. He has a web page at www.deas.harvard.edu/projects/weitzlab.



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