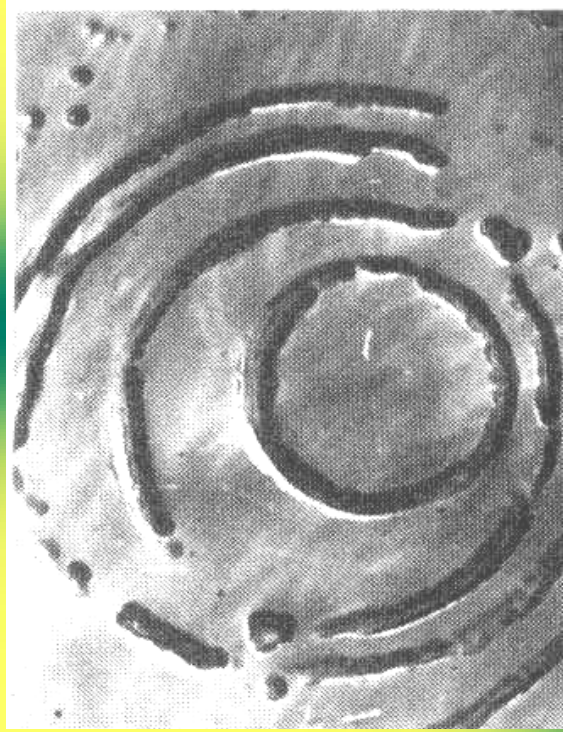


# Boston University Physics Colloquium

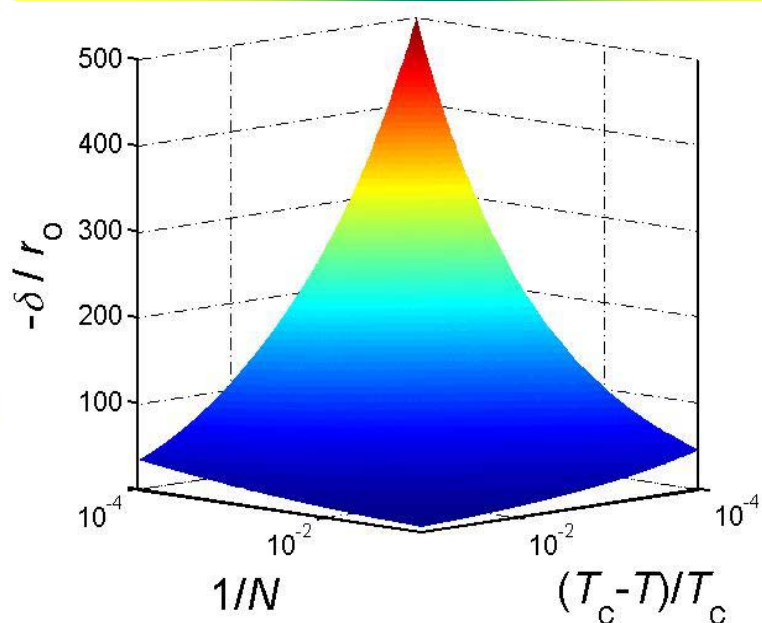


200 nm

$R$



$2\xi$



## Soft Matter: Finding Simplicity in Complexity

Soft-matter materials, such as complex fluids, are often dominated by mesoscopic fluctuations, which make description of very different systems universal and thus relatively simple. In this presentation, I explain how mesoscopic fluctuations affect the nature of phase transitions in soft matter and fundamentally change thermodynamics of curved interfaces.

**Mikhail A. Anisimov**

University of Maryland, College Park

April 1, 2008 (Tuesday) at 3:30pm (Refreshments at 3:15pm)

SCI 107, Metcalf Science Center, Boston University

Call: Winna Somers (wsomers@bu.edu) (617) 353-9320

Host: H. Eugene Stanley