

Plenary talks (PV)

Plenary Talk (SKM) PV III Mon 9:15 HSZ 01
Linear and non-linear mechanics of biopolymer networks —
•DAVID A. WEITZ — Dept. of Physics, Harvard University, USA
This talk will explore the mechanical properties of reconstituted net-

works of biopolymers that make up the cytoskeleton of the cell. Both linear and non-linear mechanics are essential in fully describing the behavior. In addition, comparisons to the mechanical properties of cells will also be discussed.