

**Foams, Films and Surfaces in Microgravity****Denis Weaire, S. Cox***Department of Physics, Trinity College, Dublin, Ireland*

Beginning with a broad view of the role of surface tension and gravity in free liquid surfaces, thin films and foams, we identify the motivation for the microgravity research conducted in these systems over the last quarter century. In the case of foams, experiments have been quite limited in scope, and the intention to study *wet* foams has yet to be fully realized, except perhaps in the case of two-dimensional samples. New experiments are planned for MAXUS rockets and possibly the International Space Station (ISS).

[View the extended summary](#)