Geometry Seminar
October 12, 2004, Tuesday, 6:00 p.m.
Room 613, Courant Institute
251 Mercer Street, New York

Planar soap bubble clusters

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Abstract

Planar soap bubble clusters seek the least-perimeter way to enclose and separate n prescribed areas. The best cluster is proved only for $n = 1$ (a circle), $n = 2$, and $n = 3$. We report on known results, experiments, conjectures, and open questions in the plane and other surfaces.

For further information contact {pach,pollack}@cims.nyu.edu, or visit our website: http://www.math.nyu.edu/seminars/geometry_seminar.html