

Abstract Submitted
for the MAR15 Meeting of
The American Physical Society

Cyclically sheared foams MERLIJN VAN DEEN, VERA JANSSEN,
ALEXANDER SIEMENS, MARTIN VAN HECKE, Huygens-Kamerlingh Onnes
Lab — We experimentally apply a cyclic pure shear deformation to a two-
dimensional foam at different densities. We probe the onset of irreversibility and
relate this to local rearrangements in the system and show the behavior close to
jamming is different from that in dense systems.

Merlijn van Deen
Huygens-Kamerlingh Onnes Lab

Date submitted: 08 Nov 2014

Electronic form version 1.4