

Abstract Submitted  
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**Three-Dimensional Visualization of an Aging Foam** PAMELA T KORDA, DOUGLAS J DURIAN, University of Pennsylvania — We use optical tomography to create three-dimensional images of the structure a dry aqueous foam. This technique enables us to determine the distributions of bubble shapes and sizes, in an update of Matzke's classic experiment. Furthermore, by obtaining successive tomographic images as the foam ages, we can track the evolution of the foam's geometry as it coarsens.

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