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Shear deformations in foam: will it T1? MERLIJN VAN DEEN, VERA JANSSEN, ALEXANDER SIEMENS, MARTIN VAN HECKE, Kamerlingh Onnes Lab, Leiden University — When dry foams are sheared, energy is dissipated in localized, plastic, T1 events, where particles swap neighbors. In wet foams, the picture is different. We have experimentally probed rearrangements in wet packings of bubbles in a bi-axial shear cell. We show that the volume fractions at which T1's dominate is limited, and show the rich behavior that ensues closer to the jamming transition.

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