



3D displacement fields from force-tracking beads as a fibroblast cell crawls on a gel substrate. Upward moving beads are shown in red, downward in green. Selected for an Editors' Suggestion and a Synopsis in *Physics*. [H. Delanoë-Ayari, J. P. Rieu, and M. Sano, *Phys. Rev. Lett.* **105**, 248103 (2010)]

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