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On the cover



A bubbling cauldron

Lava lake spattering in the Nyiragongo crater, Democratic Republic of the Congo, just before an overflow on the surrounding platform in September 2011. In this issue, Aaron Andrew Morrison and colleagues report new laboratory measurements of viscosity evolution during cooling and crystallisation of lavas from Nyiragongo and its neighbour, Nyamugira. Low viscosities mean that the lavas can travel at more than 10 m s^{-1} , posing great threat to nearby settlements.

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