

# Movie Captions

- Movie 1

Side view of the impact of an ethanol drop with  $R = 1.1$  mm and  $U = 1.2$  m/s (i.e.  $We = 57$ ) on a substrate heated at 295 degrees Celsius. The interaction between the drop and the substrate lasts 16.4 ms.

- Movie 2

Grayscale TIR movie for the impact of an ethanol drop with  $R = 1.1$  mm and  $U = 1.2$  m/s (i.e.  $We = 57$ ) on a substrate heated at 295 degrees Celsius. The movie shows the first 0.4 ms of the gas film evolution and the visualisation area is  $1 \times 1$  mm<sup>2</sup>.