

Measuring cavitation bubbles with the Müller-Platte Needle Probe

The following images show the behavior of a cavitation bubbles close to wall. The bubble was generated by a focused laser pulse.

The bubble starts to oscillate, collapses and generates a small shock wave measured by the Needle Probe (on the right side in the images). In the second swing the collapsing bubble generates a water jet in the direction to the wall. This leads to the well known cavitation erosion. (A. Gülhan, theses, 1988)

See also publication from Rink et al..

