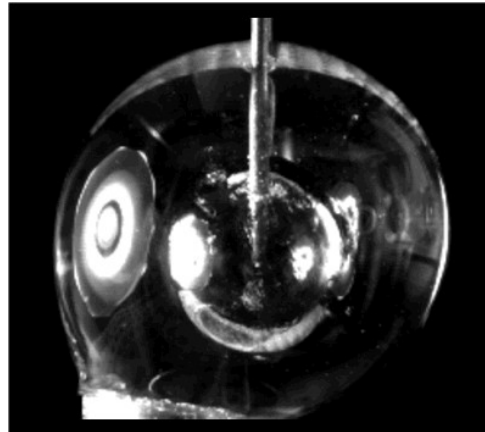


Microgravity Experiment: Cavitation Studies Inside Water Drops



Valencia, October 2006

IAC-06-A2.P.09 / IAC-06-A2.3.05

D. Obreschkow^{1,2}, P. Kobel^{1,3}, N. Dorsaz^{1,4}, A. de Bosset¹, and M. Farhat¹

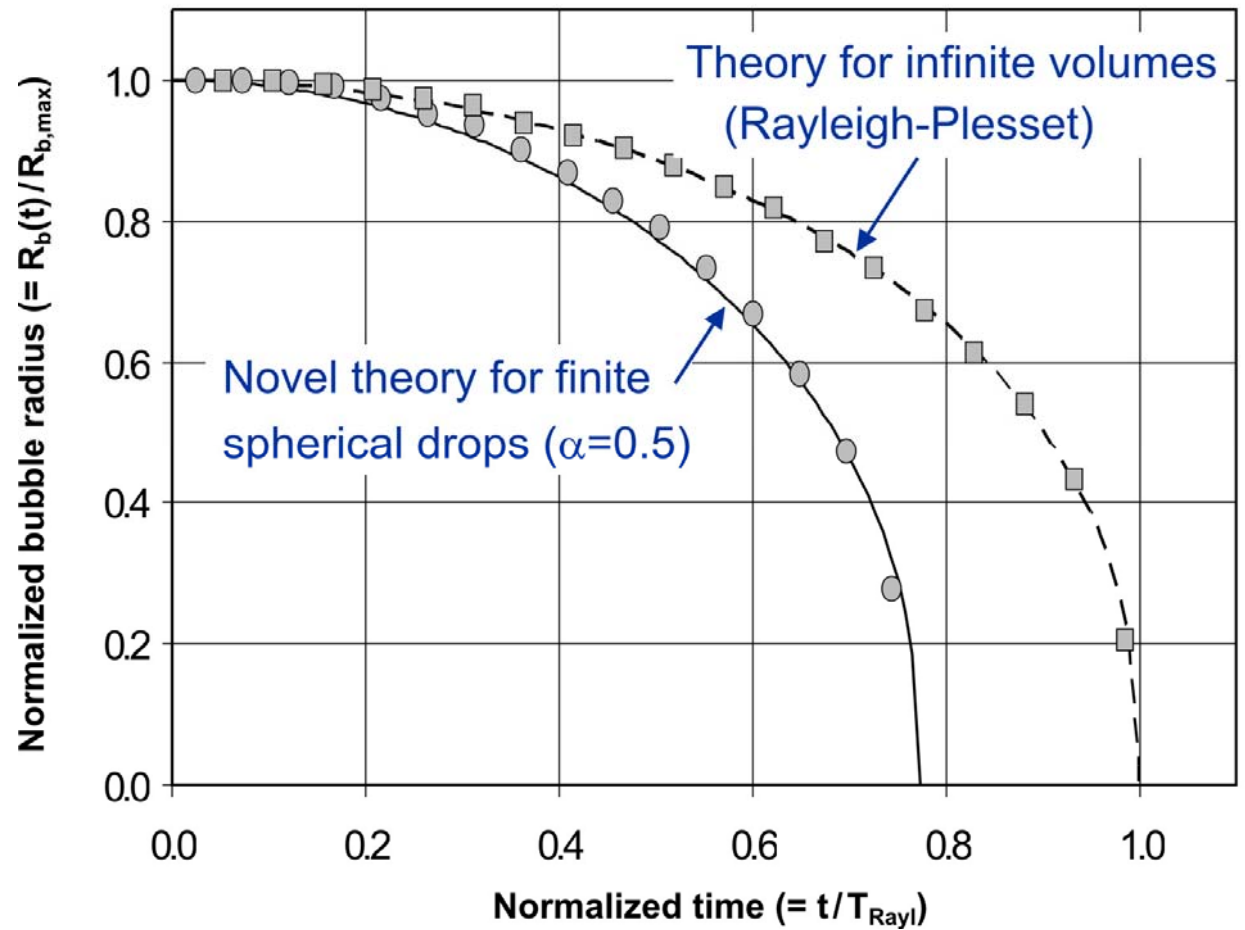
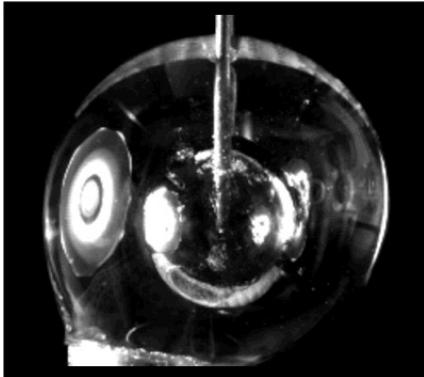
[1] *Laboratoire des Machines Hydrauliques, EPFL, 1007 Lausanne, Switzerland*

[2] *Physics Department, Oxford University, Oxford, OX1 3PU, UK*

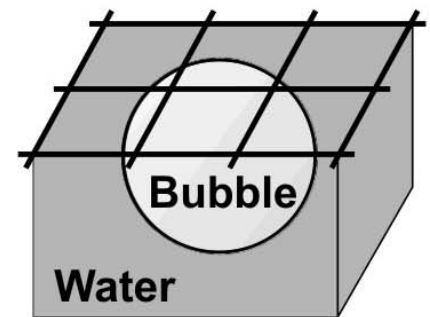
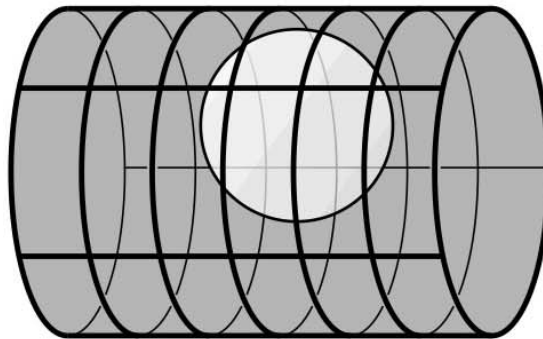
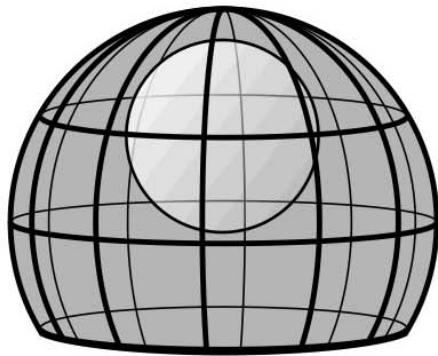
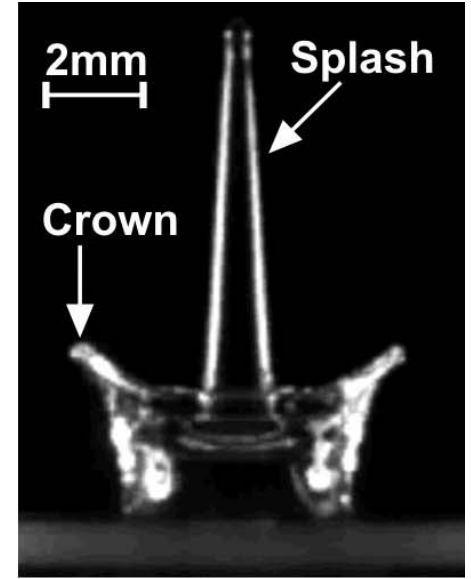
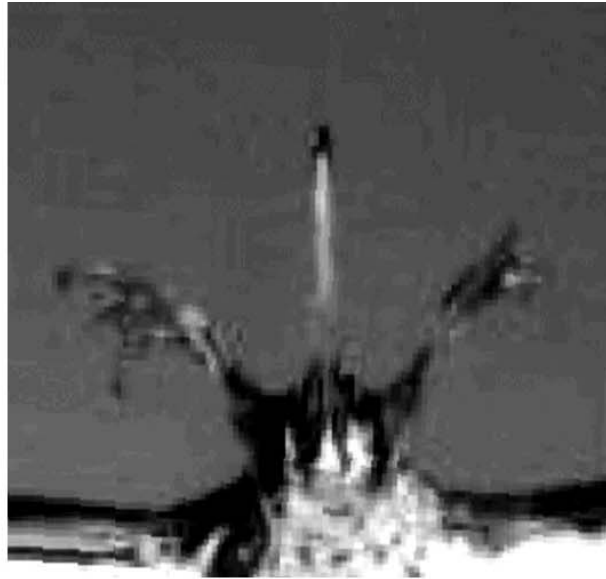
[3] *Max Planck Institute for Solar System Research, 37191 Katlenburg-Lindau, Germany*

[4] *Institut Romand de Recherche Numérique en Physique des Matériaux, EPFL, 1015 Lausanne, Switzerland*

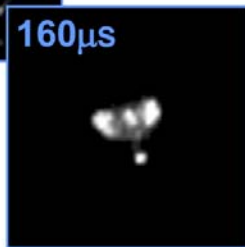
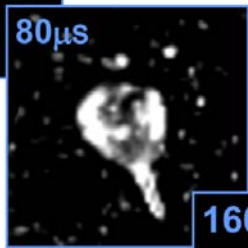
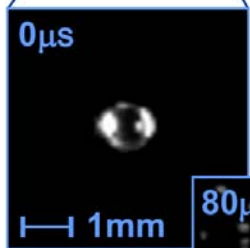
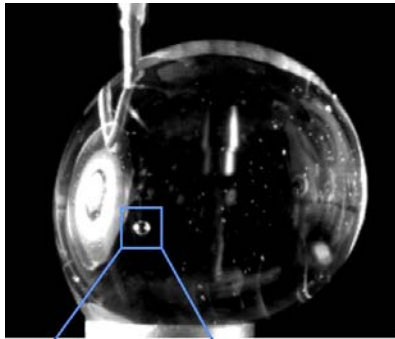
Surprising Lifecycle



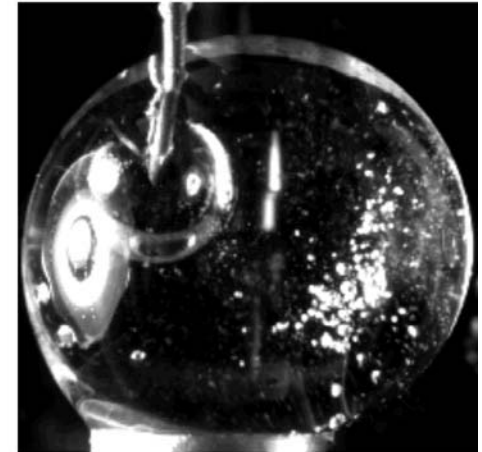
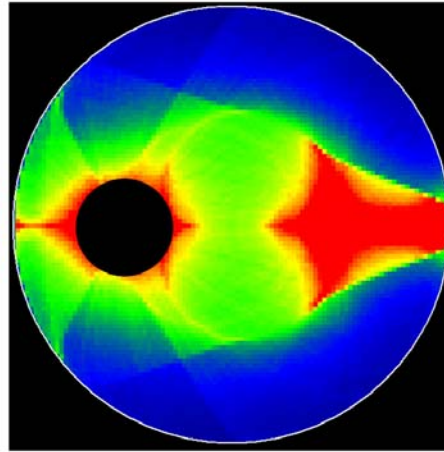
Peculiar Jet Geometry



Fate of Confined Shockwaves



Eccentricity = 40%



Eccentricity = 60%

