IPhO's LOGO – Problem V

The Logo of the International Physics Olympiad is represented in the figure below. The figure presents the phenomenon of the curving of the trajectory of a jet of fluid around the shape of a cylindrical surface. The trajectory of fluid is not like the expected dashed line but as the circular solid line.
Qualitatively explain this phenomenon (first observed by Romanian engineer Henry Coanda in 1936).

This problem will be not considered in the general score of the Olympiad. The best solution will be awarded a special prize.

