

Analysis of flow behavior when obstructed by moving vane

This case study aims to numerically simulate the behavior of a water while the flow is being obstructed by a moving vane. The mesh motion of the vane is achieved by Overset Grid technique or Chimera Grid technique. This case study explores the functionality and capability of Overset Grid method for dynamic problems available in OpenFOAM.

Solver used : pimpleFoam