Vertical Axis Wind Turbine (Part 2) - Physics Setup

Author: Julio Sampaio Gabriel de Pieri, Cornell University

Physics Setup

- Open Fluent from Solution
- If the Mesh Interfaces are gone, recreate them the same was done in Part 1
- Check that the Boundary Conditions were correctly copied
- Under "General", change the Solver to Transient.
- Under Cell-Zone Conditions...
    - Highlight "inner". Click Edit. Copy to Mesh Motion. Check that everything has been transfered
    - Do the same thing for the other 3 blades

Go to Step 5: Numerical Solution

Go to all FLUENT Learning Modules