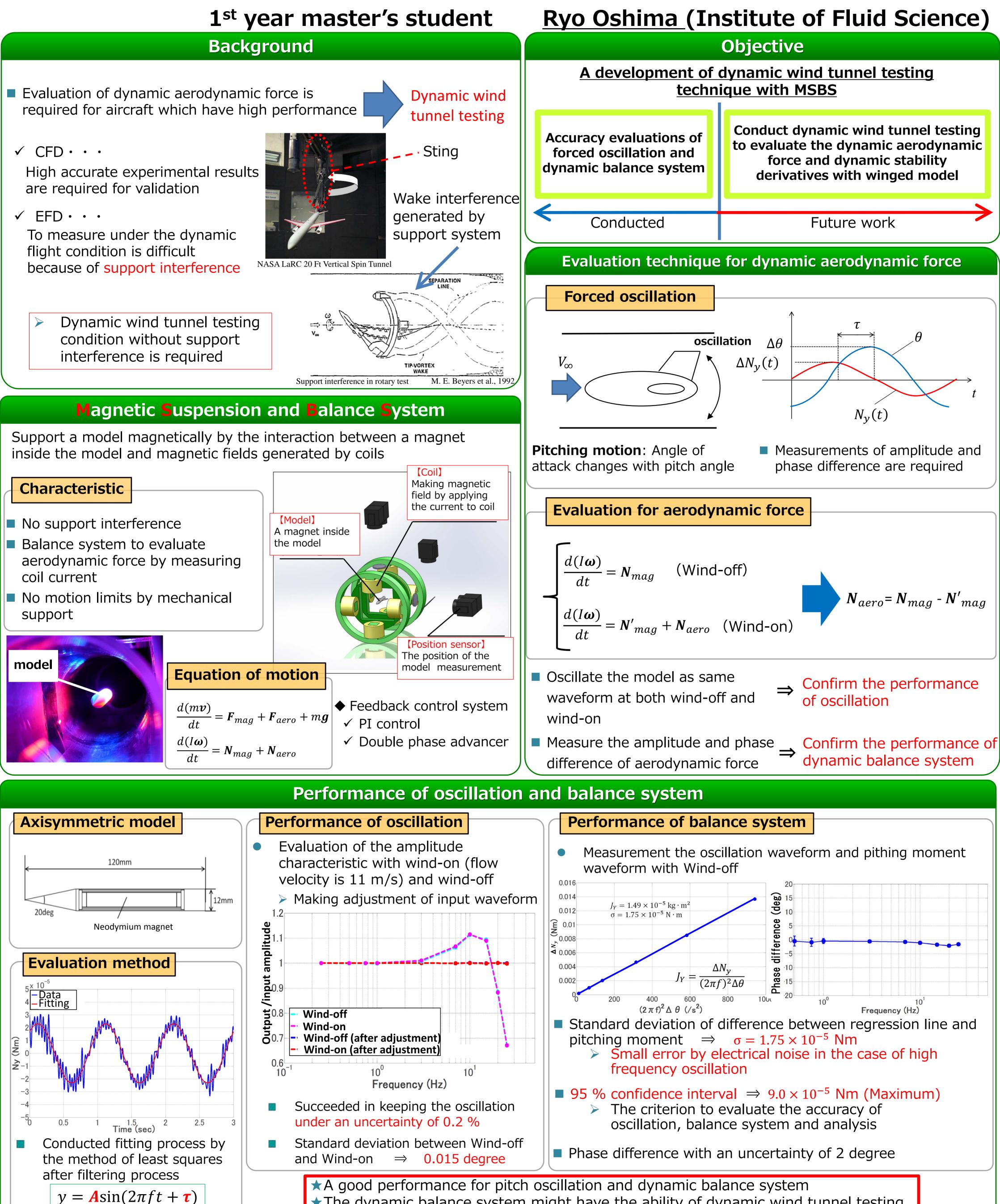
Workshop on Next Generation Transport Aircraft March 20th 2015

A Development of Dynamic Wind Tunnel Testing Technique with Magnetic Suspension and Balance System

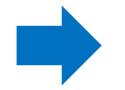




 \star A good performance for pitch oscillation and dynamic balance system \star The dynamic balance system might have the ability of dynamic wind tunnel testing

Future work

> Construction of control system for a winged model > Confirm the balance system performance of multi-degree of freedom oscillation



Evaluation of dynamic aerodynamic forces and dynamic stability derivatives