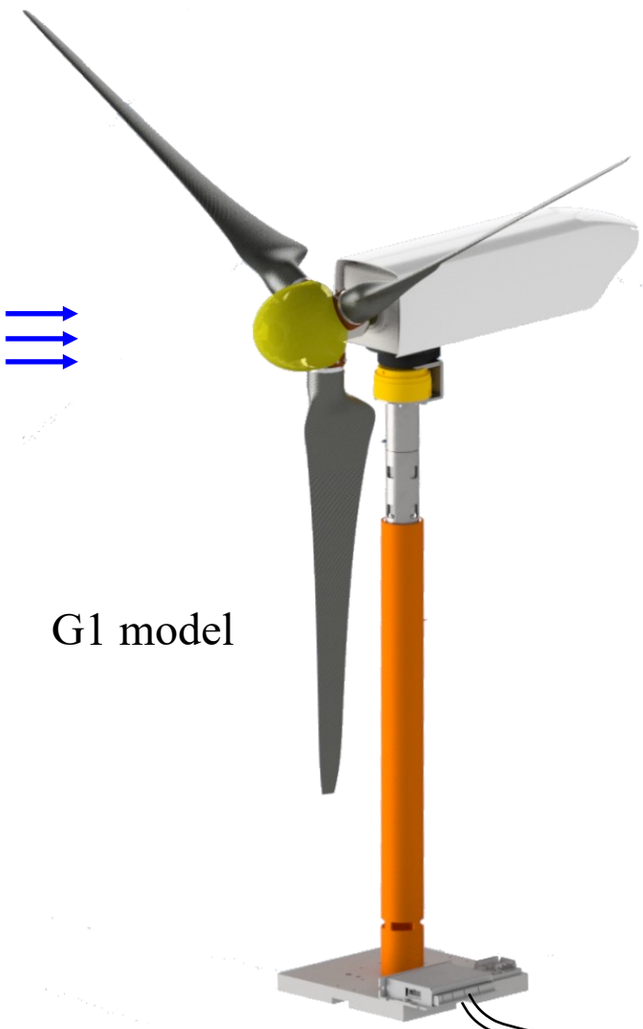

G1 model

3-axis servo motor
traversing system

analog

Controller
Isel

RS232/USB

DAQ
NI Labview

USB

z
y
x

5x pressure sensors
Endevco 8507C-2

p_∞

FRAP

analog

NI cDAQ
2x NI 9237 modules

V_{in}
V_{out}

24-bit A/D converter

NI 9215 module

USB

Analog synchronization signal for θ and β

Thermometer
Barometer
Prandtl probe

analog

A/D-converter
DT9836 16-bit

PC + Bachmann M1

Turbine data and control signals