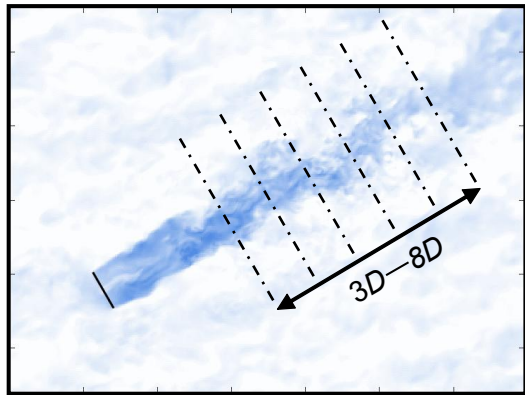
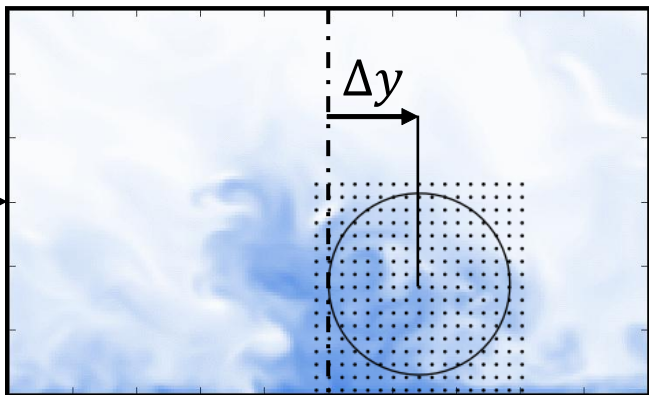


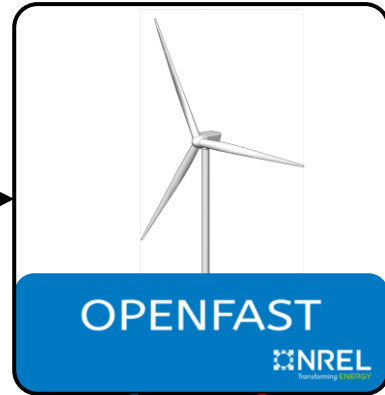
Large eddy simulations



Flow slices

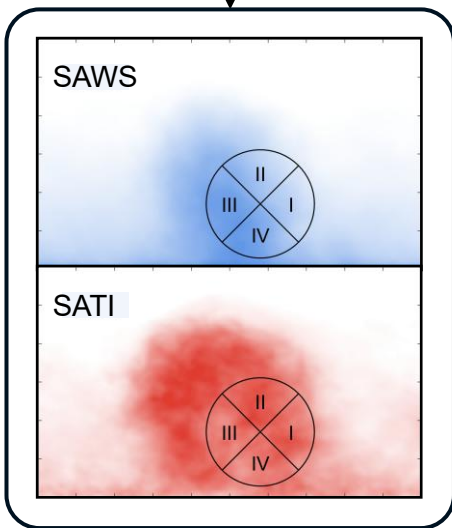


Aeroelastic simulations



$$\begin{bmatrix} \gamma_1 & \dots & A_{\beta,1} \\ \vdots & \ddots & \vdots \\ \gamma_N & \dots & A_{\beta,N} \end{bmatrix}$$

$$\begin{bmatrix} DELs_1 \\ \vdots \\ DELs_N \end{bmatrix}$$



$$\begin{bmatrix} SAWS_{I,1} & \dots & SATI_{IV,1} \\ \vdots & \ddots & \vdots \\ SAWS_{I,N} & \dots & SATI_{IV,N} \end{bmatrix}$$

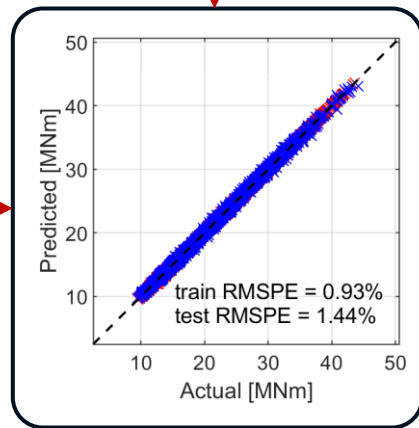
Gaussian process regression

Hyper-parameter tuning

Load surrogate model

$$\begin{bmatrix} DELs_1 \\ \vdots \\ DELs_N \end{bmatrix}$$

$$\begin{bmatrix} DELs_1 \\ \vdots \\ DELs_N \end{bmatrix}$$



Validation