$u(x, y, z, t)$

Mean Velocity

Turbulence

l_{cord}

$\overline{u'v'}$

$\overline{v'w'}$

$\overline{u'w'}$

L

δ
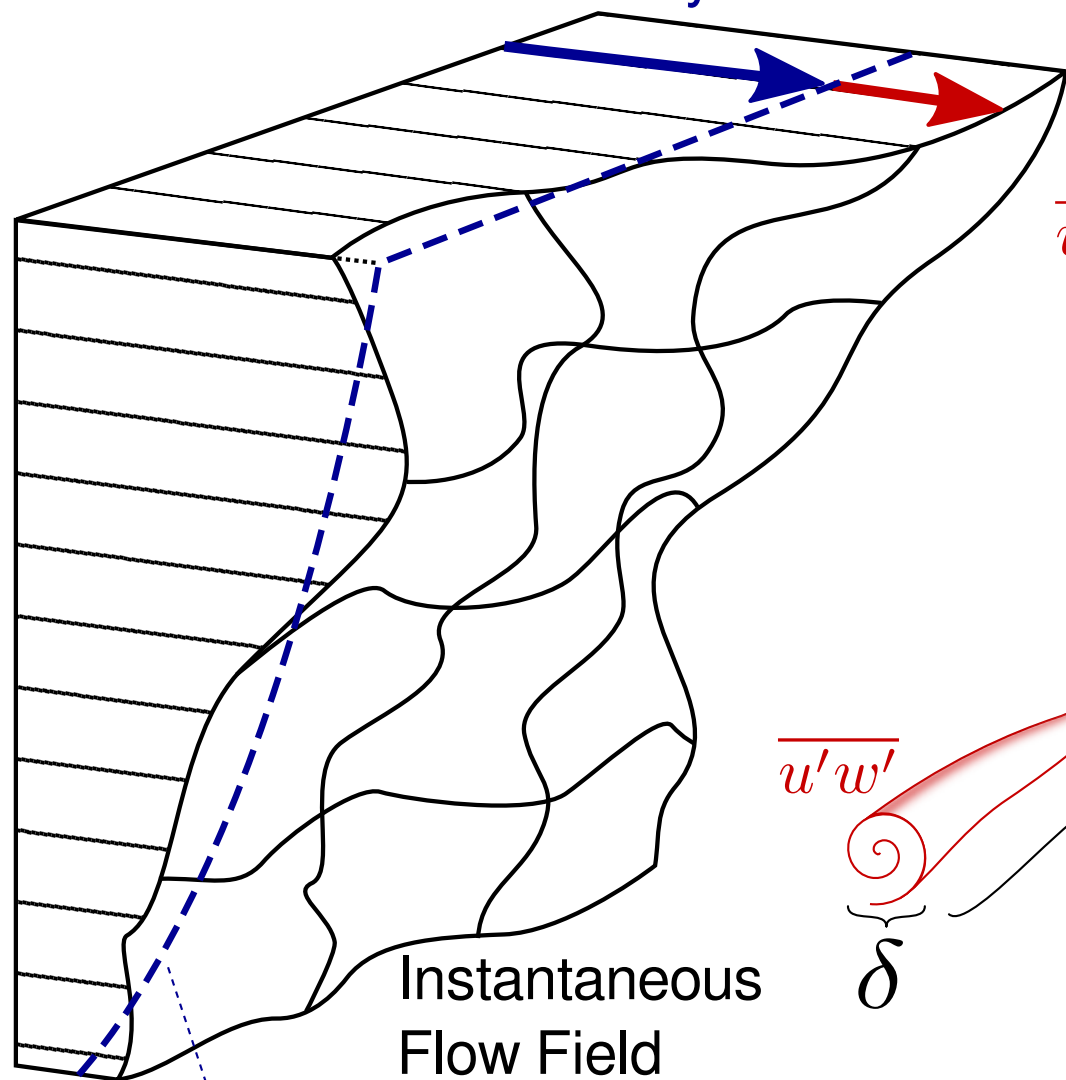
Instantaneous
Flow Field

l_{rotor}

Mean Flow Profile