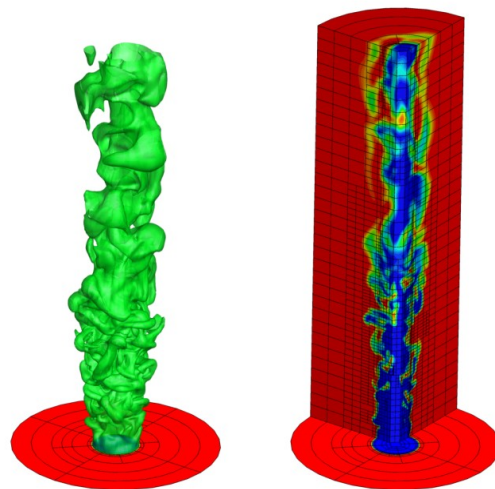Mixing nuclear test facility ROCOM (HZDR)
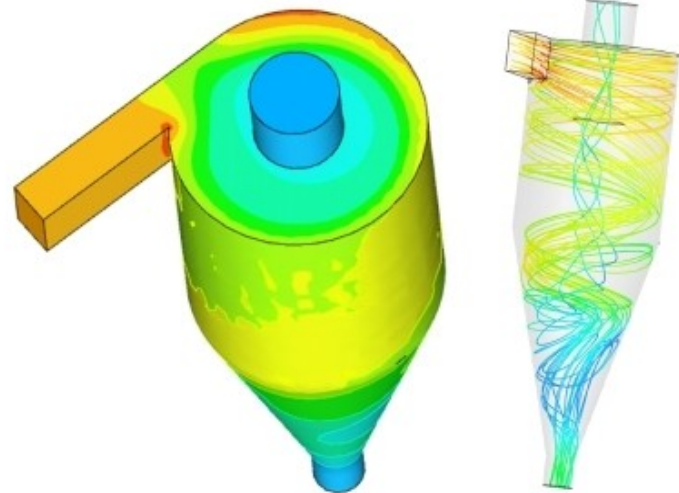

Simulation of laminar/turbulent flames
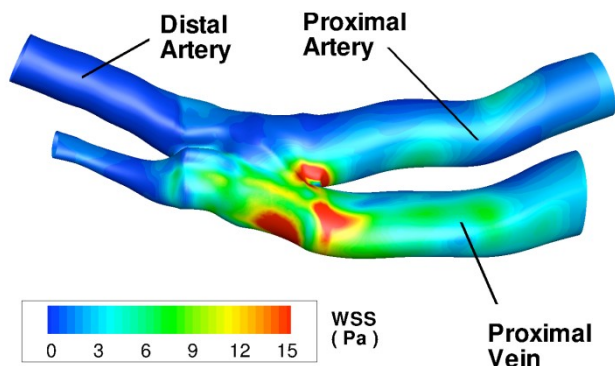http://arrow.utias.utoronto.ca/~groth/Research.html
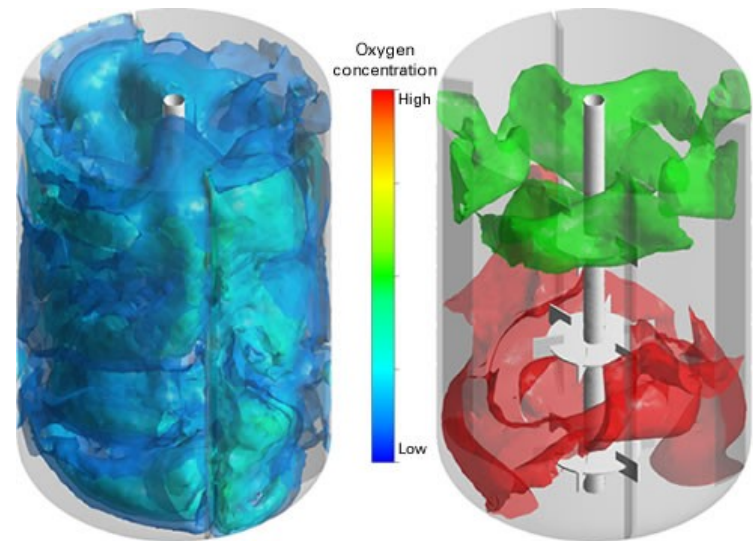
Homogeneous dispersion of air

Concentration of dissolved oxygen in liquid

Oxygen concentration
High
Low

Mixing vessels
http://www.jgc.co.jp/en/04tech/08lfsnc/cfd.html

Cyclone (*Chembridge Technologies Ltd*)

Distal Artery

Proximal Artery

WSS (Pa)
0 3 6 9 12 15

Proximal Vein

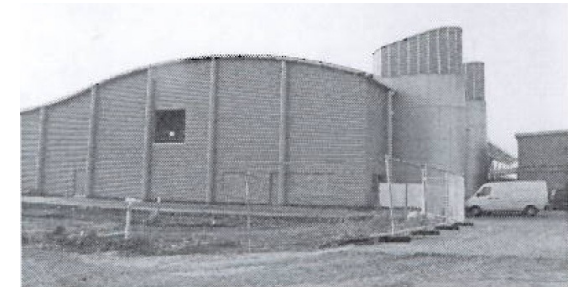Study of arteries (blood
http://depts.washington.edu/fluidlab/circulation.shtml
)

Virtual wind-tunnel for F1 car design
http://www.symscape.com/blog/new-f1-team-uses-cfd-only
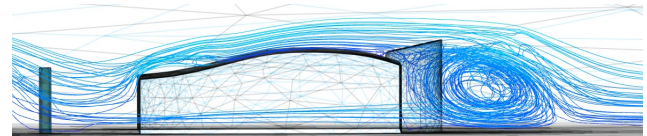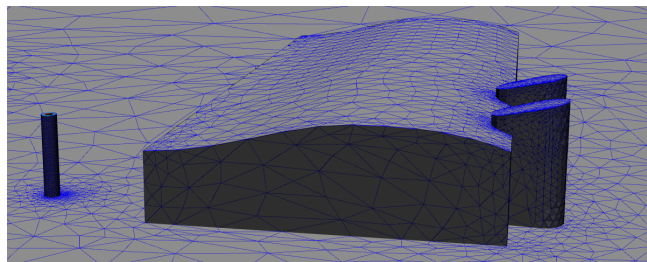
Study of pollutant release in industrial sites
http://www3.imperial.ac.uk/earthscienceandengineering/research/amcg/software