

# GLOSSARY OF SOME KEY TERMS

<b>CFD</b>	<b>Computational Fluid Dynamics</b> <i>Numerical modeling of fluid flow, including turbulence models</i>
<b>DNS</b>	<b>Direct Numerical Simulation</b> <i>Numerical solution of the equations of motion without models</i>
<b>EC</b>	<b>Endothelial Cell</b> <i>Cells that line the walls of arteries</i>
<b>HWA</b>	<b>Hot-Wire Anemometry</b> <i>Flow velocity measurement based on heat transfer from a wire</i>
<b>LDV</b>	<b>Laser Doppler Velocimetry</b> <i>Non-intrusive measurement of fluid velocity at a point</i>
<b>LSCM</b>	<b>Laser Scanning Confocal Microscopy</b> <i>High resolution microscopy for imaging of cells</i>
<b>PIV</b>	<b>Particle Image Velocimetry</b> <i>Non-intrusive measurement of velocity vectors in a plane</i>