1035-65-1634   **Faranak Pahlevani*** (`fpahlevani@mec.cuny.edu`). *A Parametric Sensitivity Analysis for Fluid Models.* Preliminary report.

In this presentation, we introduce the sensitivity of the computed flow solution from a class of Large Eddy Simulation (LES) models called Eddy Viscosity Models (EVM) with respect to the choice of the selected cut-off length scale. We demonstrate the analysis by using the Sensitivity Equation Method (SEM) and discuss applications of the parametric sensitivity computations. (Received September 20, 2007)