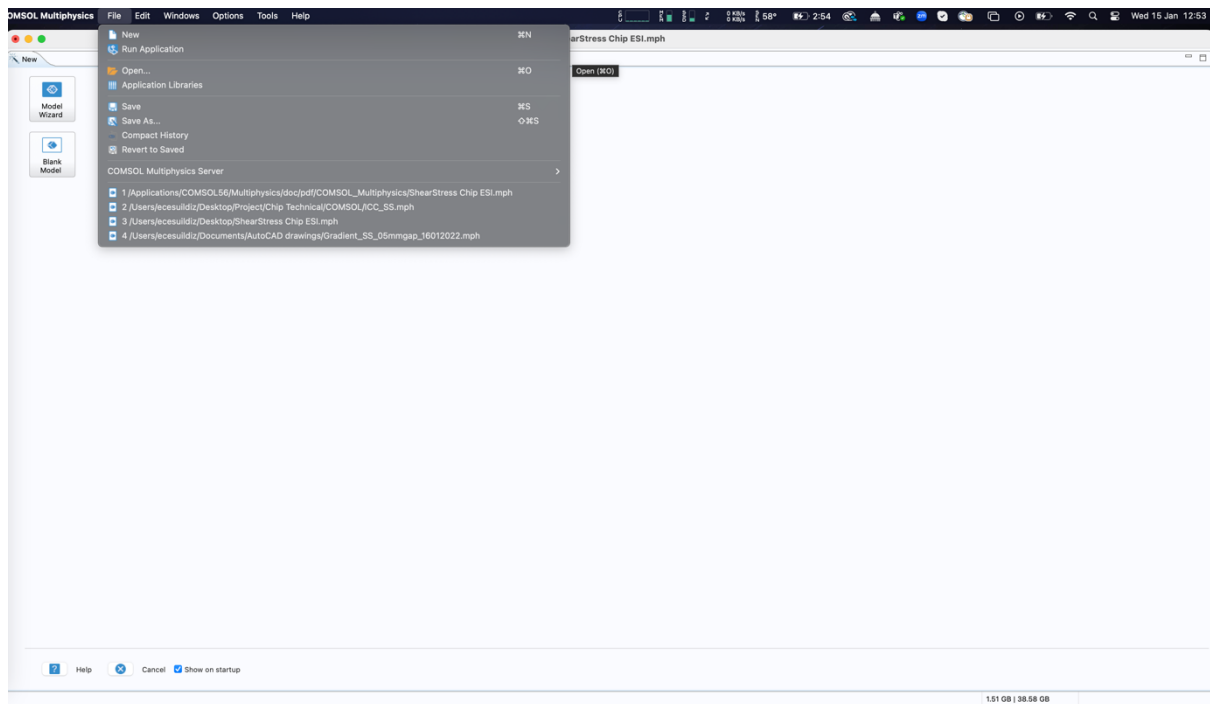
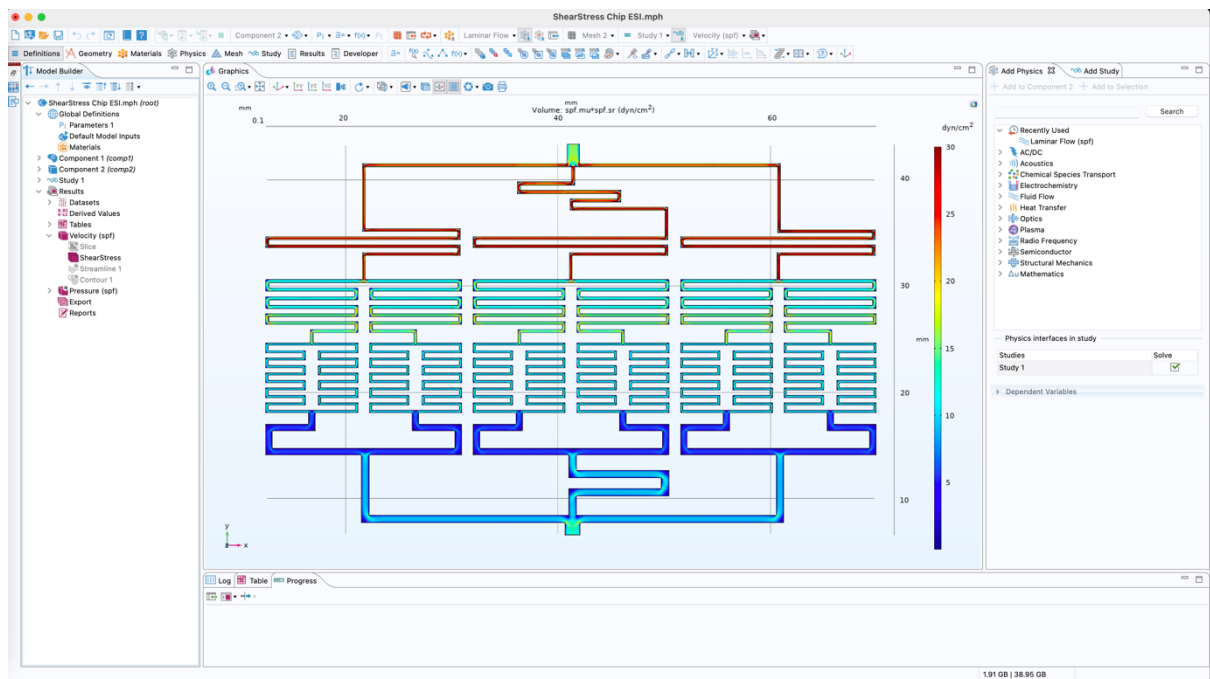


Step 1:



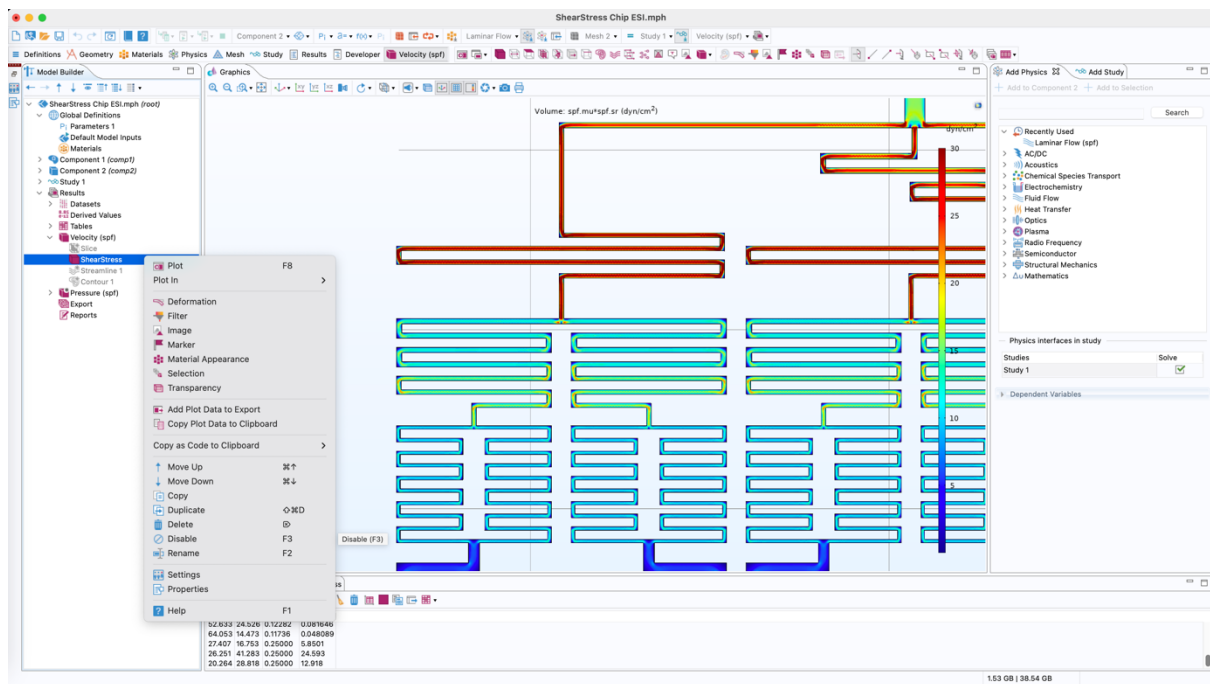
After installing COMSOL 5.6 Multiphysics software, launch the application and navigate to the "Files" section. Click "Open" and load the file named **"ShearStress Chip ESI.mph"**.

Step 2:



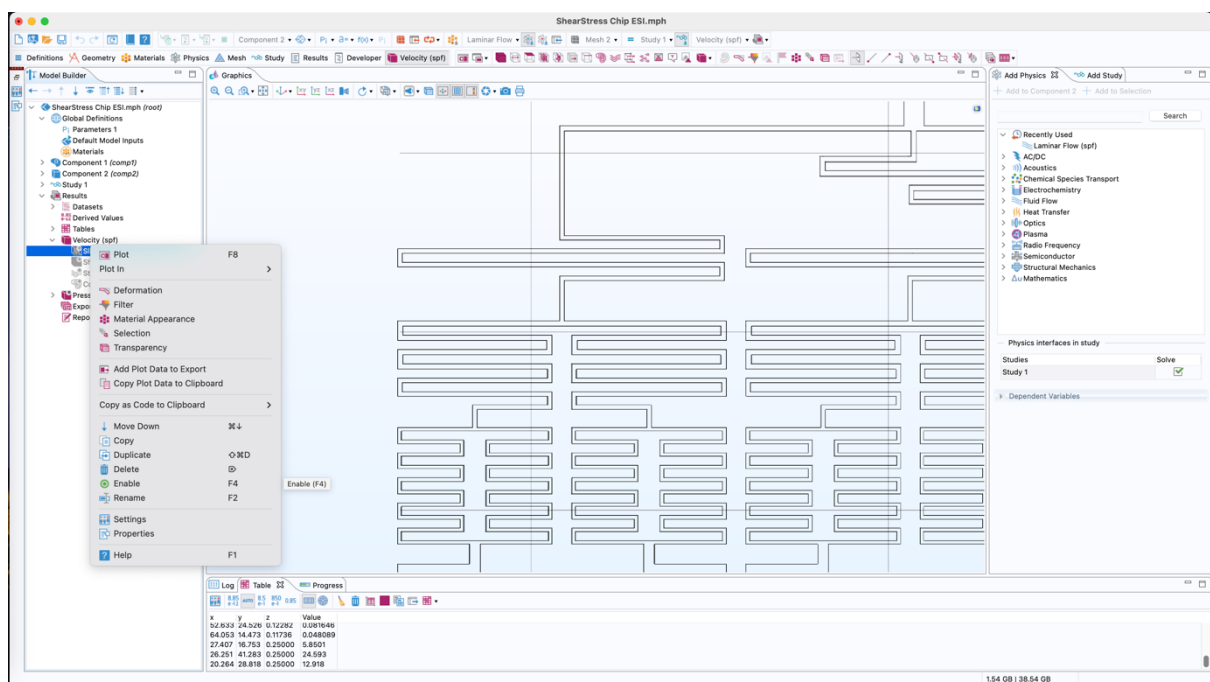
The computational simulation of the microfluidic system will be presented. From the results, key mechanical variables of interest, such as velocity, pressure, and shear stress, can be selected and analyzed.

Step 3:



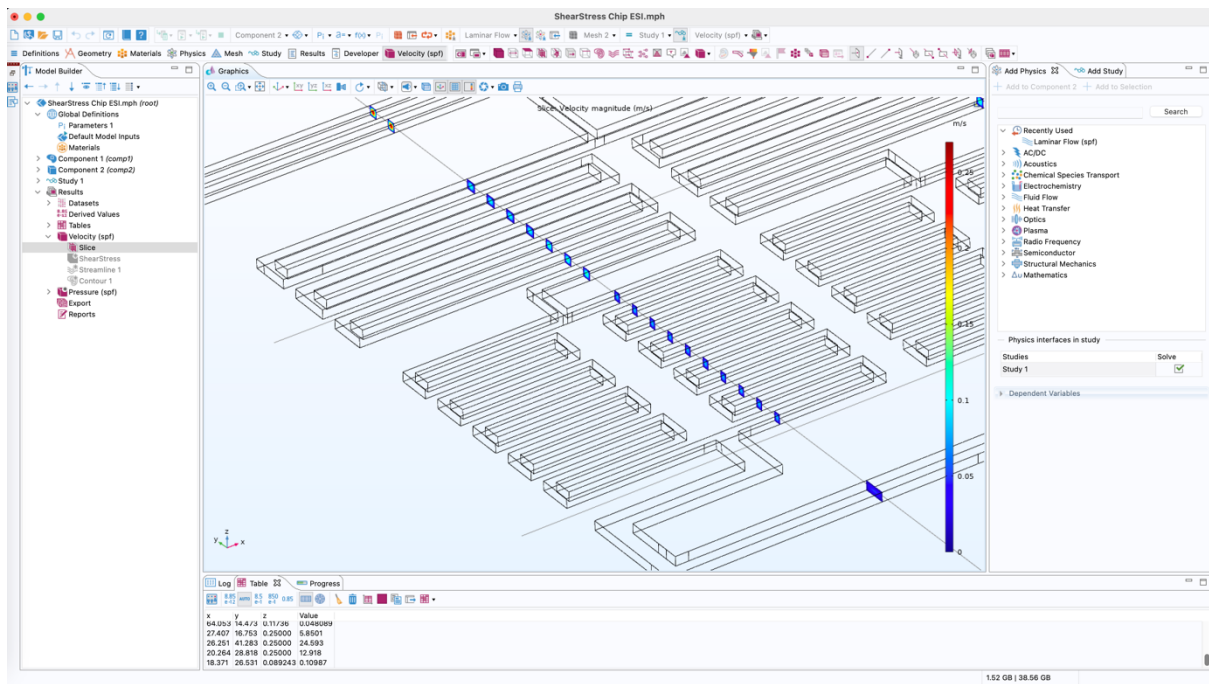
To modify the parameter to be simulated, right-click on it and select **“Disable”**.

Step 4:



Once the parameter of interest is selected, right-click on it and choose **“Enable”**. The simulation will then be displayed.

Step 5:



Clicking on the zoom-in icon allows you to focus on different channels. By selecting a slice, the corresponding values will be displayed in the table section below.