

## **Interpolate the Intensity and Number Density**

### **INPUT**

1. mesh.txt The mesh on which to interpolate and save the data
2. parameters.inp Numbers of cell centers in x and in y in the mesh provided in a column
3. Profile Data files (I\_Pulse2\_0 , Rho\_e\_0 )

### **Output**

1. out\_10 file where the number at the end denotes the time