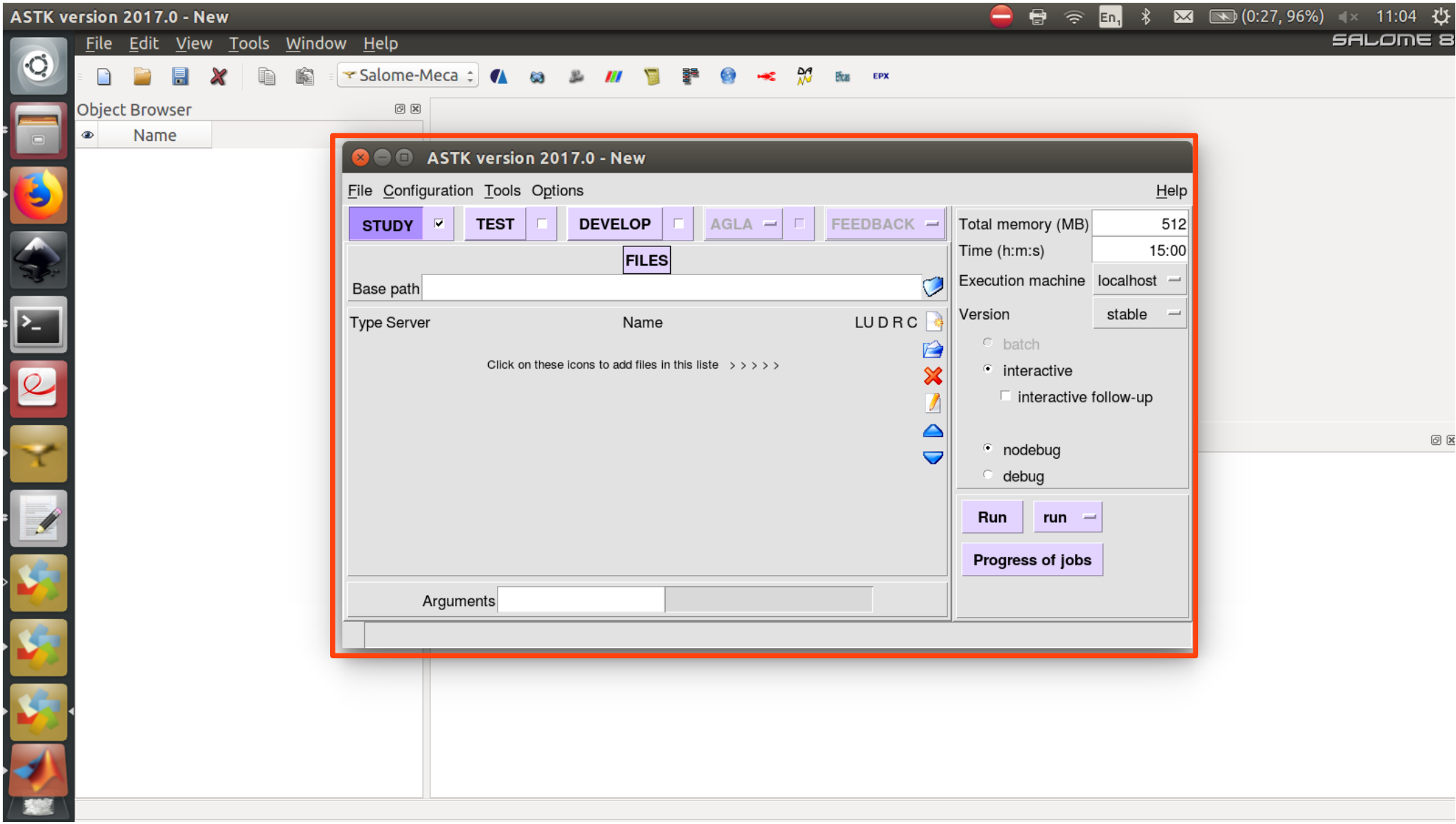
Step by step guide on how to run an astk job

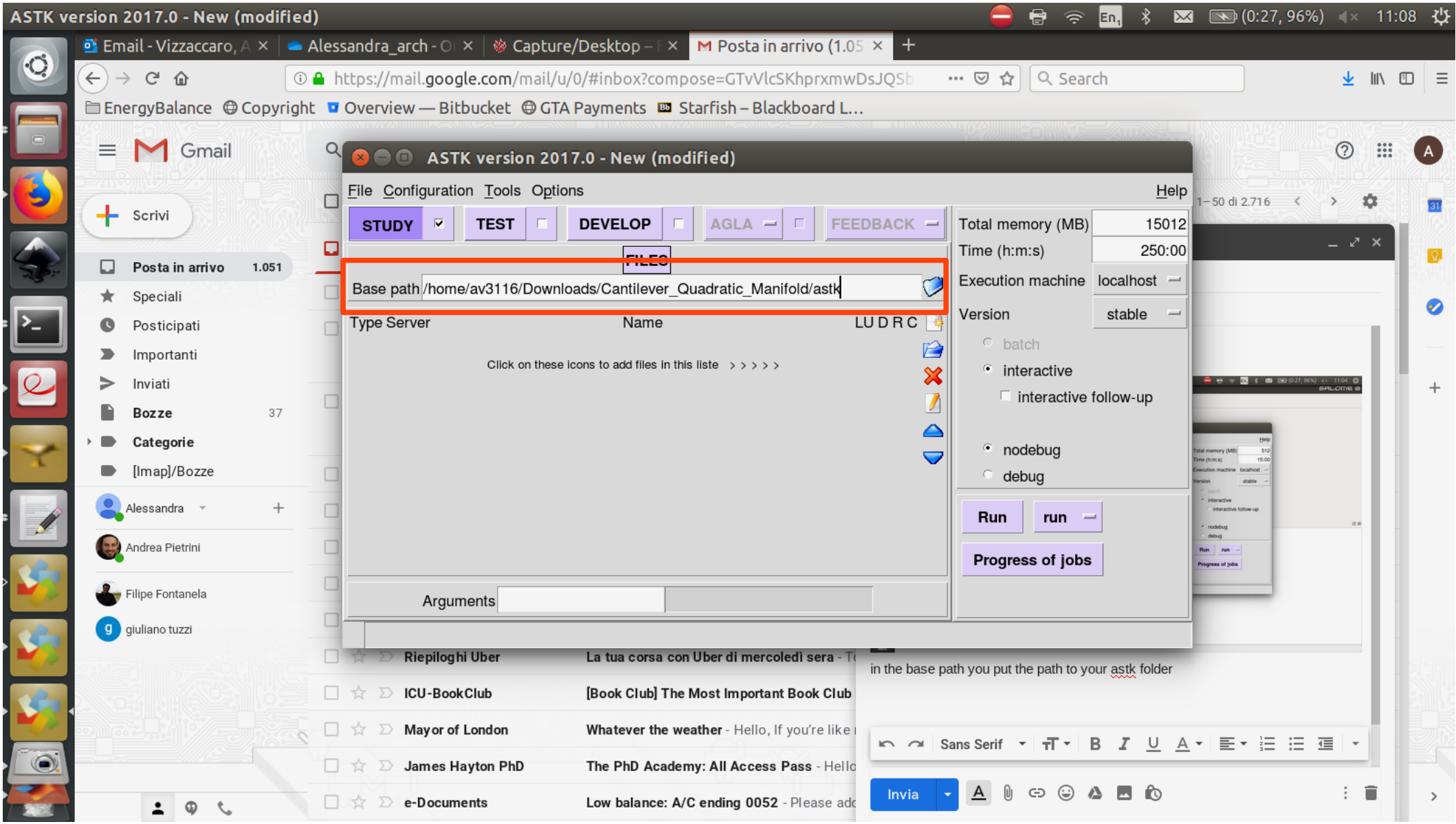
From salome-meca with an empty job open go to:

Tools→ plugins→ Salome-meca→ Run astk

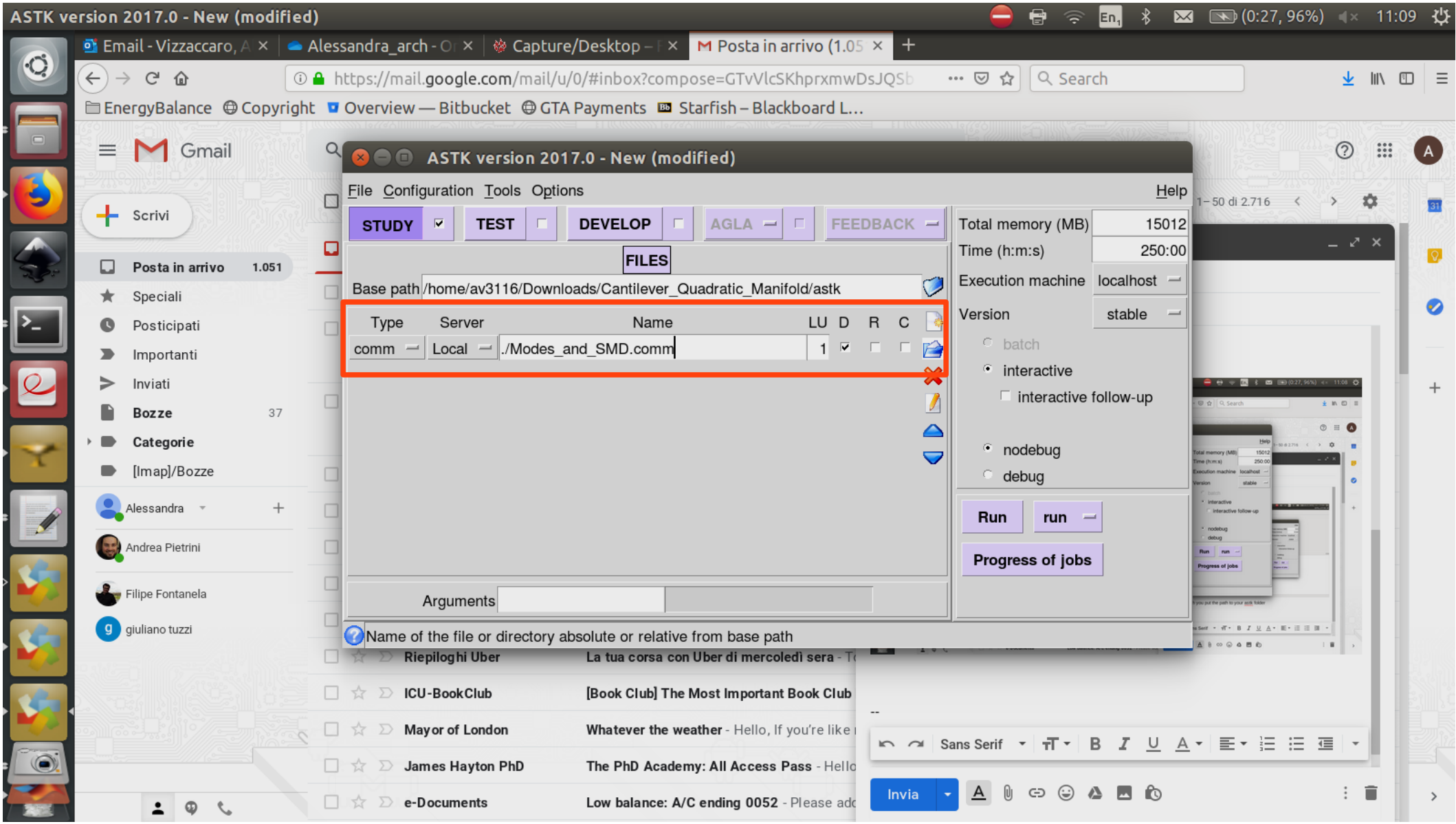
you will see the window highlighted in red opening:



In the base path line, put the path to the folder with your files:

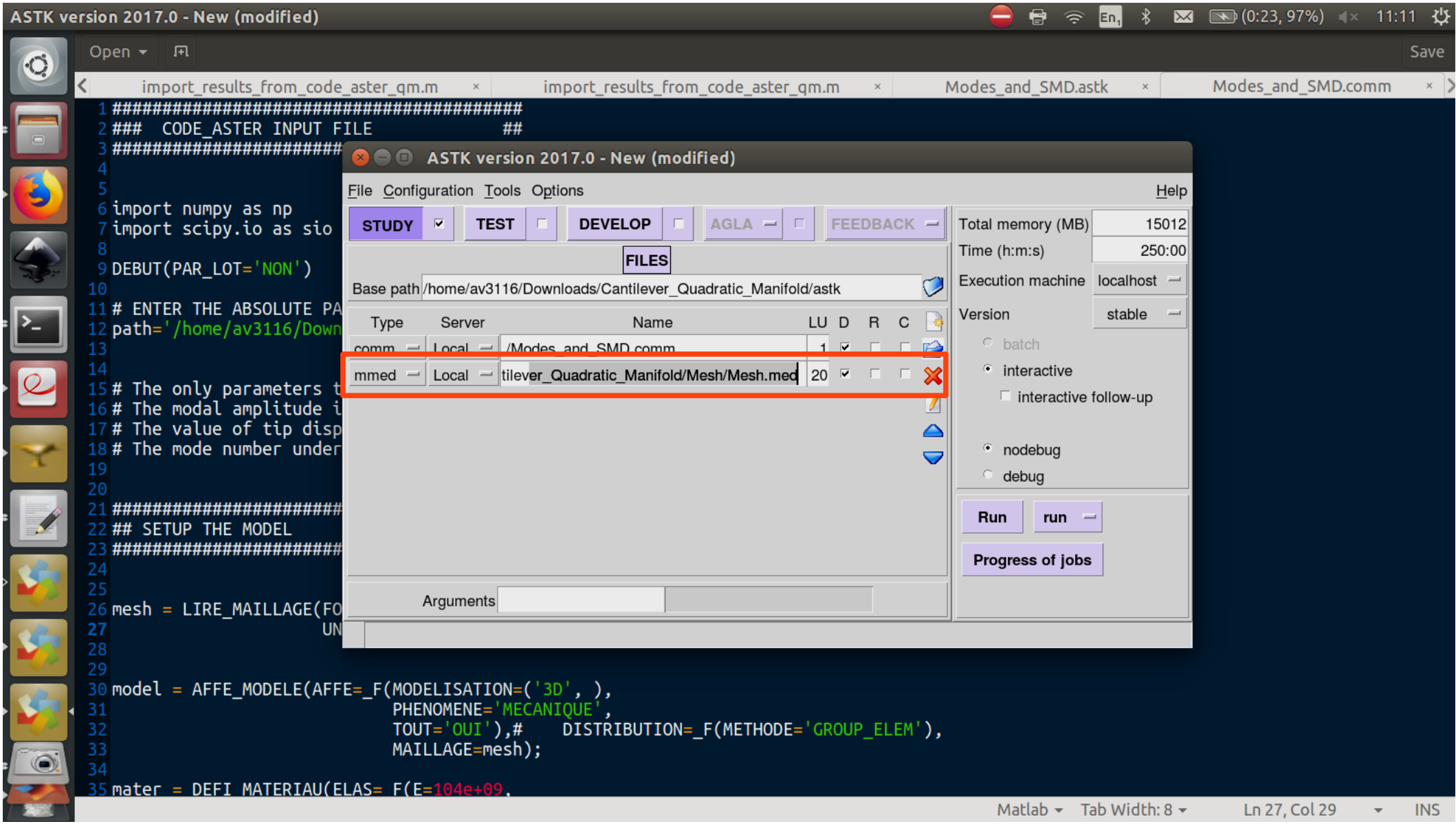


Input the relative location of your .comm file as unite=1 (LU) and put the extension (on the left) as comm:

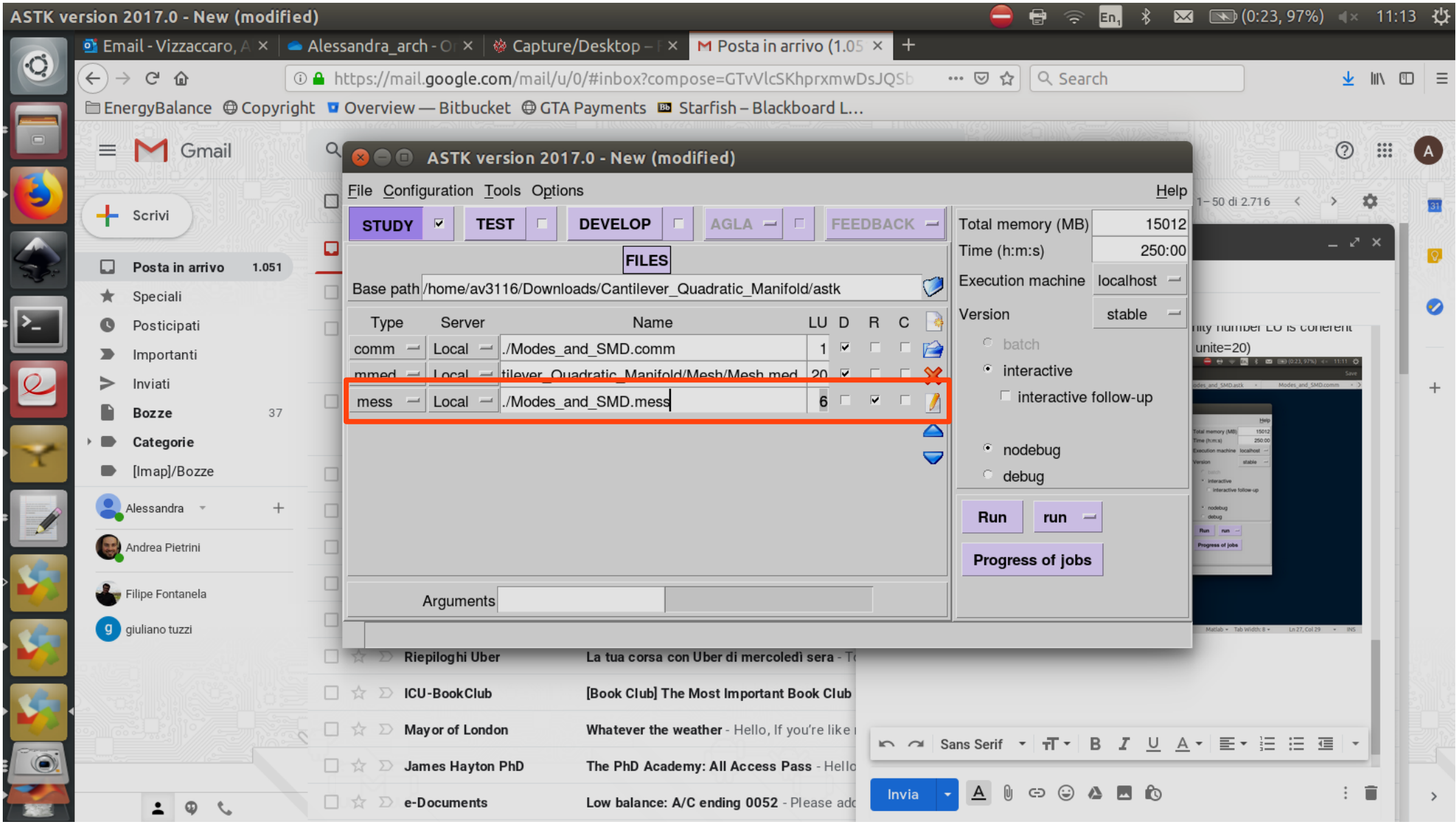


Input the relative location of mesh file as unite=20 (LU) and put the extension (on the left) as mmed:

Beware that the number 20 has to match what you have in the comm file. You can choose any number but those beginning with 2 are referred to the mesh usually

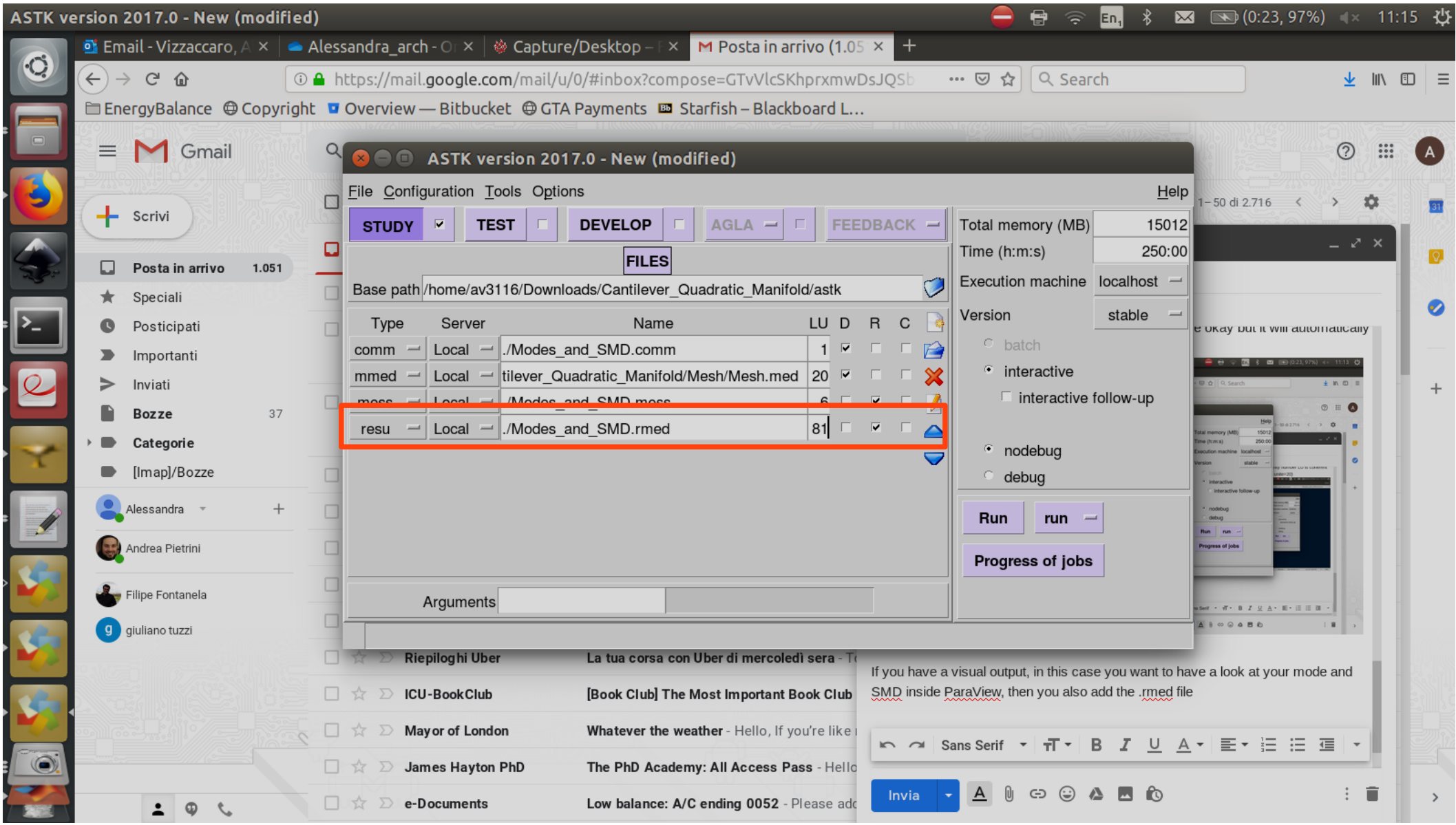


Input the relative location of the log file (called mess in astk) as unite=6 (LU) and put the extension (on the left) as mess:



If you have some output to be viewed in ParaVis, input the relative location of your output as unite=81 (LU) and put the extension (on the left) as resu:

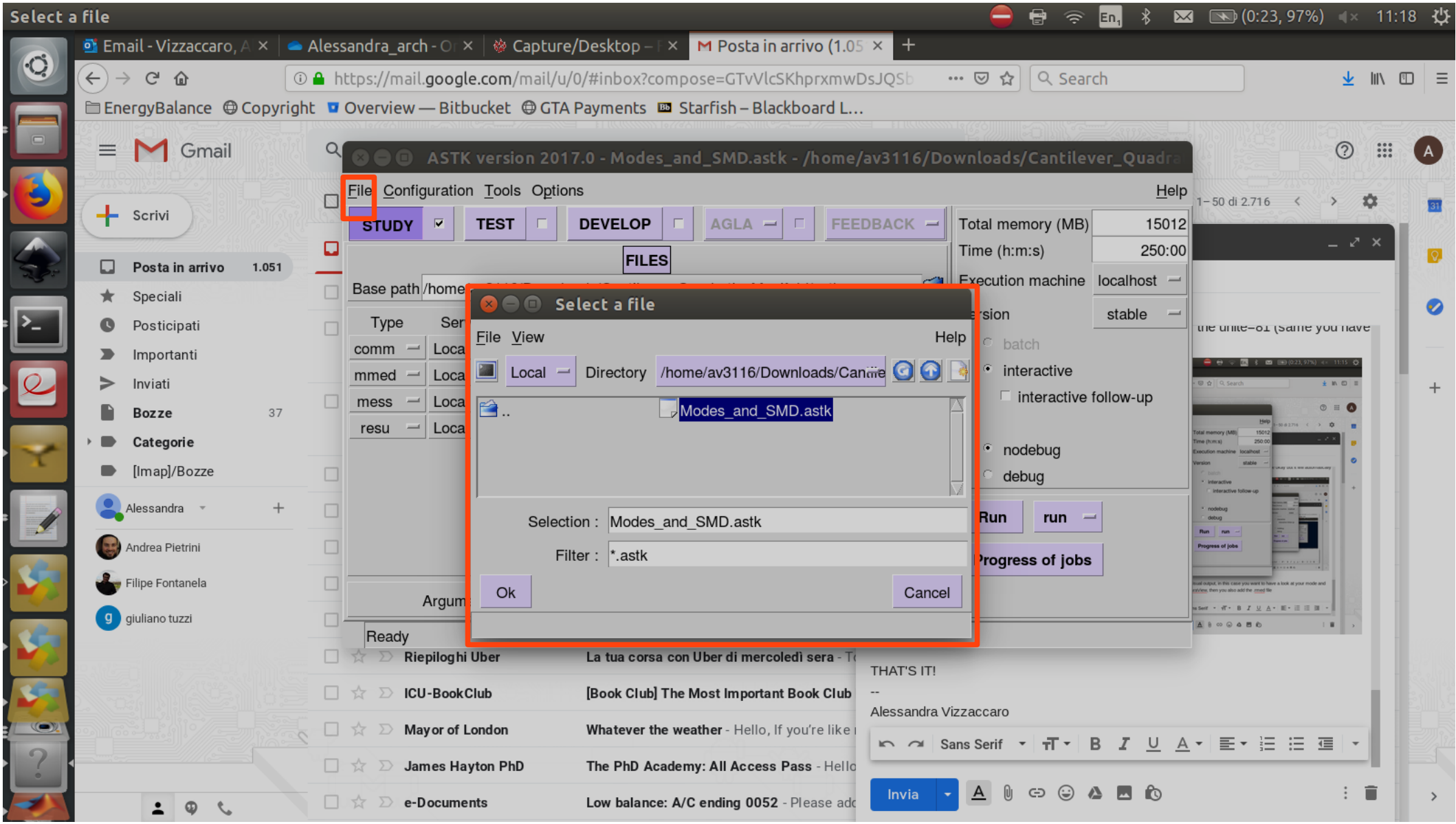
Beware that the number 81 has to match what you have in the comm file. You can choose any number but those beginning with 8 are referred to the rmed output usually



If you don’t want to do all these operations again, you can simply click on

File→ Save as

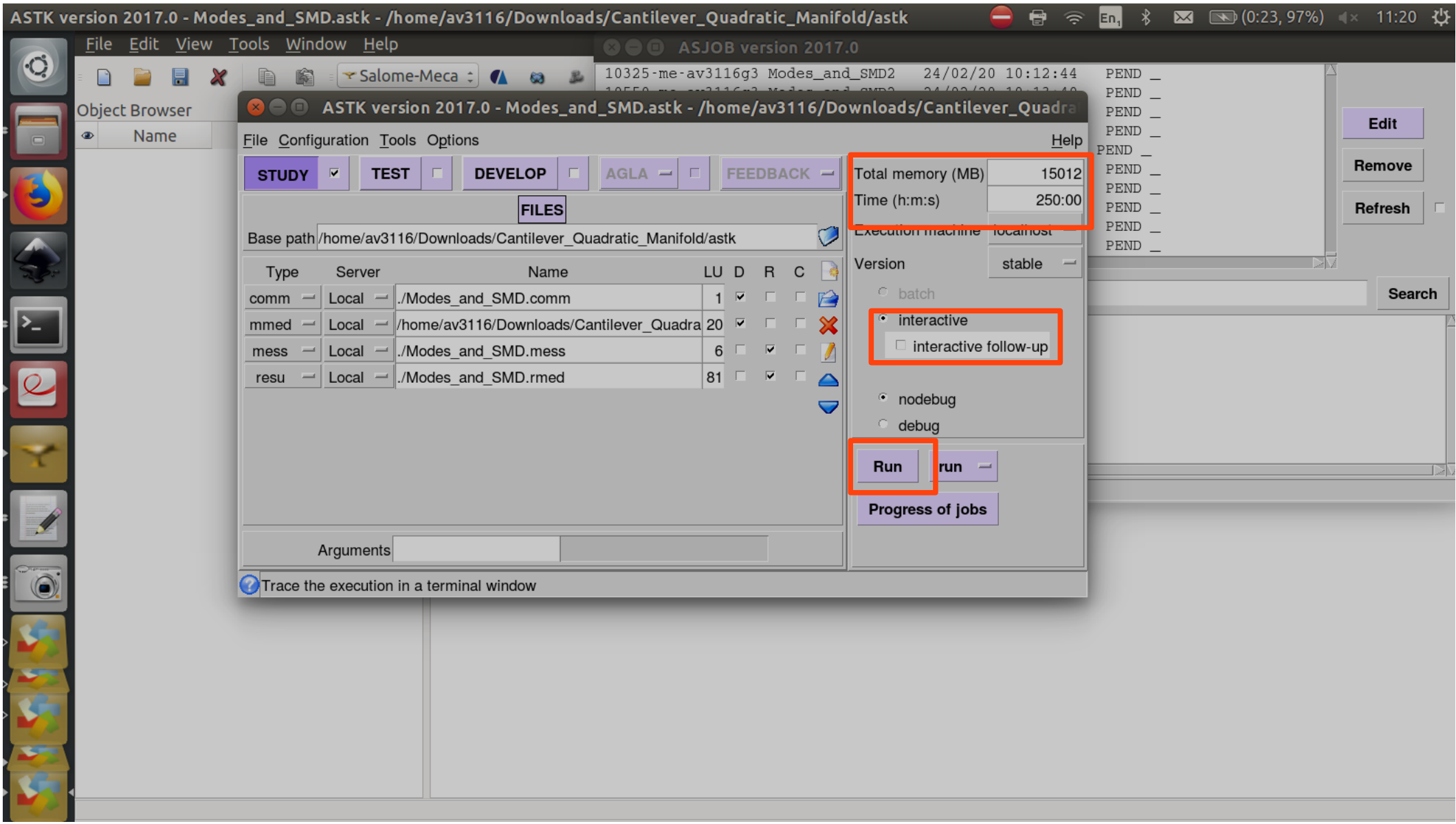
and the window highlighted in red will open. Save your astk configuration as a file .astk



Then you can click on Run.

Remember to thick the interactive follow-up box (not like in the pic…) to see the log window while running.

Also, be sure the time and memory are enough or it will stop. On my laptop the max MB is 15000 and I usually put 15 hours for the time.



Enjoy!