Below is a list of the current version of the modules that I have been using.

I see no reason, a priori, why newer versions would not work.

I suggest that you try the pipeline with your current environment and that you accept the default version of whatever module you need to install. This is because I do not want to tie this pipeline to specific prior versions already, without knowing for sure that newer versions cause a problem. It is simpler that way.

That said, of course if you do encounter a problem, this information may help surpass it. It would be important to know if this is the case.

pylab 1.18.1

matplotlib 3.0.3

pandas 1.0.1

numpy 1.18.1

scipy 1.4.1

trackpy 0.4.2

re 2.2.1

pims 0.5