List of programs we can use for tutorials:

* Linux scripts: creation of directories and files, submission of jobs
* Installing python and libraries
* Jmol:
  + Load structure, change zoom, color of atoms and background, rotate, pointgroup, etc for image creation.
  + Animation: spinning, relaxation, etc.. creation of a movie and inclusion of into a powerpoint.
  + Polyhedral Figures with CrystalMaker (not for course)
* Siesta:
  + Convergence scripts: Energy per step, mesh cutoff, box size, etc ..
  + Density of states: change broadening
  + Charge Density: Plotting with paraview
  + Pending: electronic band structure
  + Iso-surfaces
* Structural analysis:
  + Interatomic distance and radial distance calcs
  + Others we can develop:
    - Calculation of angles similar to the determination of interatomic distances.
    - Calculation of dihedral angles.
  + Structure Factor
  + Symmetrization
* Collect structures that we can use for each tutorial.