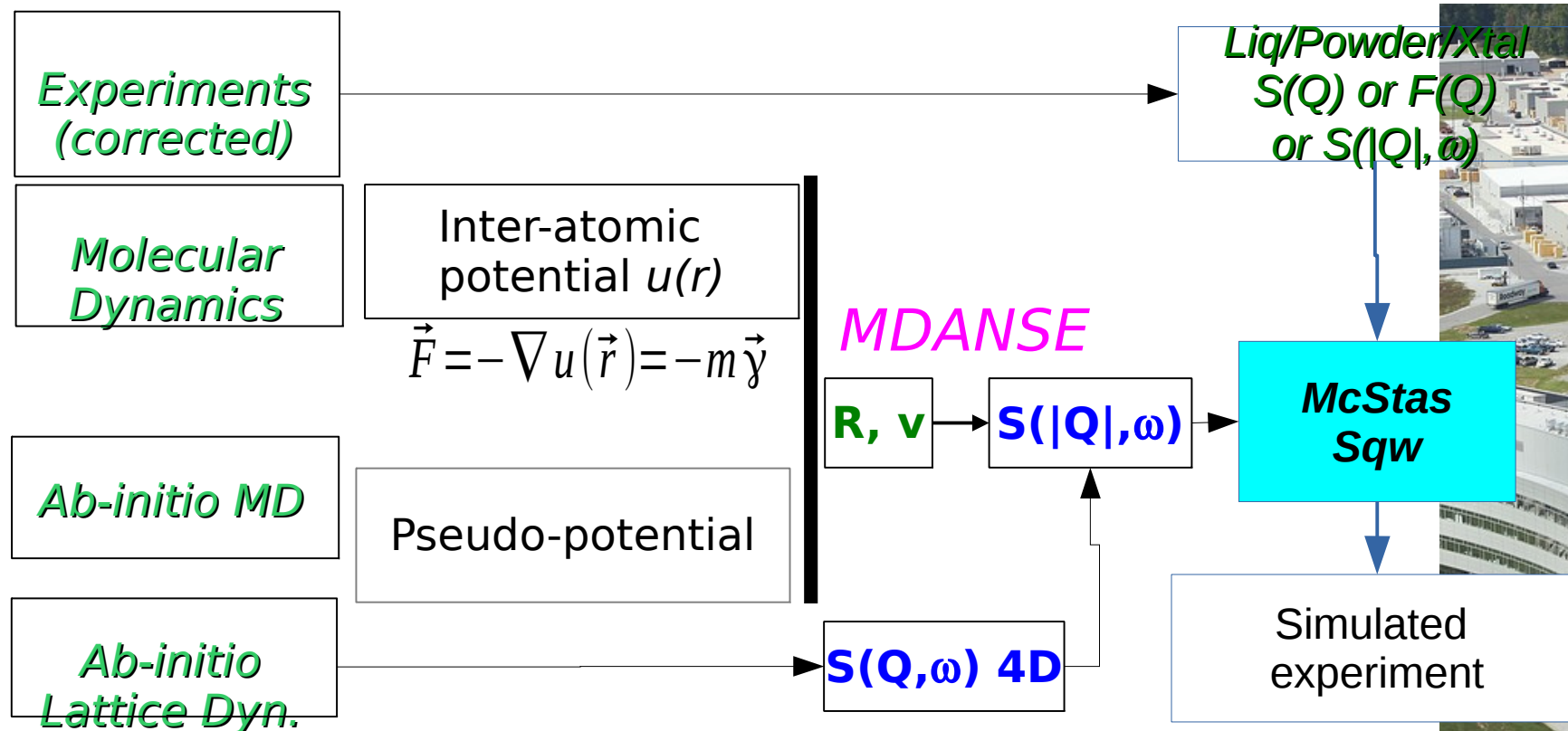


# How to get $S(q, \omega)$ data sets



MD step is done prior to the virtual experiment (NAMD, VASP, GROMACS, ...).  
Computationally intensive (e.g. use clusters). Then use FFT(r,t)

McStas provides a few sample  $S(Q, \omega)$ : Rb, Ge, H<sub>2</sub>O, D<sub>2</sub>O, D<sub>2</sub>, ...

**Isotropic\_Sqw: Handles elastic and inelastic for both coherent and incoherent channels**