

Rest of course:

PETSc (via petsc4py)  
for PDEs.

Why? Initially were going to do  
implementations of parallel grids  
"by hand".

→ fittingly index manipulation  
→ a bit boring. ;)

Instead: use PETSc to provide

- parallel grids
- parallel sparse linear algebra.  
(scipy sparse but with MPI).

→ concentrate on numerics.

→ Assessment:

coursework candidate is available

→ effectively set:

→ Handin is 18<sup>th</sup> May.

~ 20-30 hrs total.