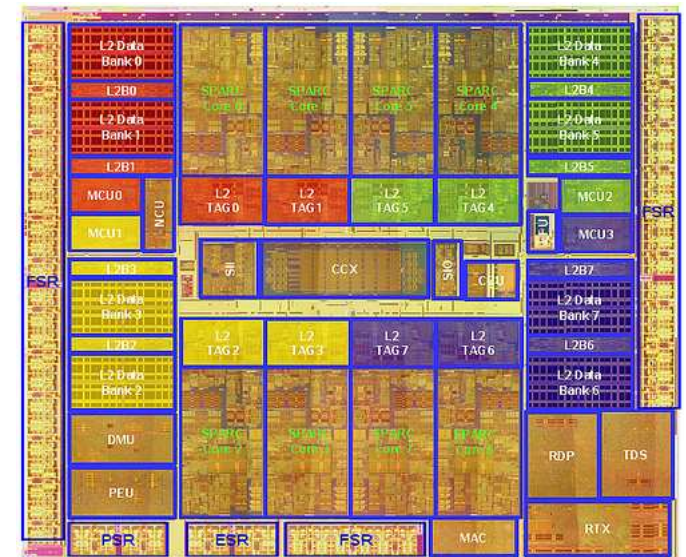


# Honours Projects by Peter Strazdins, Comp. Systems Group, SoCS

Various topics in contemporary High Performance Computing:

- multicore computing (e.g. on UltraSPARC T2)
  - evaluating programming paradigms
  - fast linear algebra kernels
  - fast synchronization algorithms
  - MPI message passing library optimization
  - transactional memory evaluation
  - advanced simulation tools



- cluster computing:
  - parallelizing algorithms for heterogeneous hardware
  - automated benchmark tuning
  - improving virtualization support
- see <http://cs.anu.edu.au/~Peter.Strazdins/postgrad/projects.html> for 2009 projects