

6. Bose Einstein Condensation (experiment).....2 lectures (1hr 30m each)

Speakers: Prof. C. S. Unnikrishnan

(b) Techniques

Magnetic trapping, optical trapping, Chip traps
Evaporative cooling / condensate imaging / etc common to lectures on
laser cooling and trapping

(c) Special topics for tutorials

Atom laser and atom optics
Matter wave interference
Non linear atom optics
Dark and bright solitons
Quantized vortices