

# Cockcroft Institute

## An International Centre for Accelerator Science and Technology

Proposal by the Universities of Lancaster, Liverpool and  
Manchester and CCLRC (Daresbury+RA Laboratories)

- approved by PPARC end February 2004  
core + project: 8 year "firm horizon"
- 40 FTE staff (12 new+2 univ + PPARC)
- CCLRC ASTeC staff

# Cockcroft Institute

- “purpose built” building  
(regional dev<sup>t</sup> agency)
- on Daresbury campus  
adjacent to CCLRC ASTeC  
adjacent to SRS (2<sup>nd</sup> generation light source)  
adjacent to 4GLS ERL+FEL IR to XUV
- builds on skill base + PP commitment  
CCLRC ASTeC + Lancaster Univ RF  
+ Liverpool Lancaster Manchester PP groups



+ others

# Cockcroft Institute: Status May 2004

- univ commitment moving onto DL site
- incorporating new PPARC funded projects:
  - LC-ABD
    - helical undulator  $e^+$  source (Liverpool+DL)
    - robust polarisation (Liverpool+DL+DESY)
    - crab cavity (Lancaster+DL)
    - BD transport simulations and bgd (Manchester+CCLRC)
    - BD lattice design+beam simulation (DL ASTeC+univs)
  - NF proton driver (CCLRC + univs ...)
- incorporating EuroTeV?
- present staff (univ PP + CCLRC ASTeC)

committed  
to 2007

February 2004




$\frac{1}{4}$  floor



3 floors

# Cockcroft Institute: developing schedule

- search for Director beginning ← 4 months
  - establishment of Institute → legal + financial entity  
↑ advanced
  - release of PPARC resources imminent
  - appointment of academic staff  
begin a s a p (Director!)
-  new project (e g CLIC) commitment  
"in ? months"

let's first get going !