



CERN@school



Science & Technology
Facilities Council

CERN@school (or your centre!)

CERN@school has the potential to bring technology from CERN to your site! This project uses pixel detector chips from the Medipix Collaboration at CERN to aid the teaching and understanding of particle physics. CERN@school consists of three strands:

- Data from the Langton Ultimate Cosmic ray Intensity Detector, LUCID – a satellite orbiting Earth.
- A number of Medipix detector kits for experiments in the classroom.
- Educational resources for use with LUCID data and the detector kits.



Ways for ASDC centres to be involved:

- LUCID data
CERN@school can provide training for education teams so that they can run activities and workshops using the LUCID and in-school detector data with school groups.
- LUCID exhibition
A free standing exhibit (1m x 1m) that shows how the LUCID detector works.
- Meet the expert
Where the pupils are the experts! Students local to your centre, who have carried out research projects with the chips, can present their activities. A good way to show there is no age limit for scientific research!

For more information please see:

<http://cernatschool.web.cern.ch/>
<http://www.thelangtonstarcentre.org/>

Or contact Elizabeth Cunningham elizabeth.cunningham@stfc.ac.uk on 07833 705792.