

20100113 Alba news break

Beamlines:

<http://www.cells.es/Beamlines>

- * Core Level Absorption & Emission Spectroscopies (CLÆSS)
 - Installation of the main components of the optics have been installed
- * Materials Science and Powder Diffraction (MSPD)
 - Stability tests of the test stage of the crystals of the multocrystal detector have been carried out
- * Macromolecular Crystallography (XALOC)
 - cabling: motors, vacuum, network of the optics have been installed
 - cryogenic system of the monochromator has been installed/undergoing tests
- * Non-Crystalline Diffraction (NCD)
 - Vacuum flow simulation for the whole beamline has been carried out
- * Photoemission Spectroscopy and Microscopy (CIRCE)
 - cabling: motors, vacuum, network of the Optics have been installed
- * Resonant Absorption and Scattering (BOREAS)
 - Call for tender issued for the cryogenic manipulator of the RSXS end station
- * X-Ray Microscopy (MISTRAL)
 - Vacuum for the monochromator has been reached

IDs:

http://www.cells.es/Divisions/Accelerators/Insertion_Devices/Ids/

- * UE62
 - Site Acceptance Tests at CELLS finished and passed.
 - Mechanical installation in the ring foreseen for April 2010.
- * UE71
 - Site Acceptance Tests to be made at CELLS in January.
 - Mechanical installation in the ring foreseen for April 2010.
- * MPW80
 - Site Acceptance Tests at CELLS finished and passed.
- * IVU21
 - Still being finished at BRUKER (FORMERLY ACCEL).
 - Delivery has been delayed until April 2010 (#1) and June 2010 (#2).
- * SC-W31
 - Factory Acceptance Tests at BINP in Novossibirsk delayed until end of February 2010.
 - Delivery at CELLS foreseen in April 2010.

Accelerators:

<http://www.cells.es/Divisions/Accelerators>

- The commissioning of the Booster started on Monday (January 11th)
- Yesterday (January 12th), the electron beam (that comes from the Linac) has gone 100 times around the booster ring.
- The following steps will be to switch on the RF cavities and increase the energy of the electron beam from 100MeV to 3GeV.