

20091202 Alba news break

Beamlines:

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

- * Core Level Absorption & Emission Spectroscopies (CLÆSS)
 - The mechanical part of the Optics has been installed, currently undergoing vacuum acceptance tests.
 - End station: in depth design is in progress

- * Materials Science and Powder Diffraction (MSPD)
 - CCD detector offers received for the high pressure station
 - Testing the crystal holder prototype for the high-resolution powder diffraction station
 - Infrastructure installation (gases, electrical, etc) ongoing

- * Macromolecular Crystallography (XALOC)
 - Bake up of the remaining of the backbone of the Optics
 - Successful functional tests of the slits and x-ray beam position monitors of the Optics
 - Factory acceptance tests of the automated transfer system CATS have been carried out at IRELEC.

- * Non-Crystalline Diffraction (NCD)
 - Crycooler for the monochromator has been installed and the site acceptance tests have been successful
 - Survey alignment of the first crystal of the monochromator
 - Ion pump (mono) conditioning

- * Photoemission Spectroscopy and Microscopy (CIRCE)
 - Cabling installation has been finished: network, motor and vacuum.

- * Resonant Absorption and Scattering (BOREAS)
 - The contract for the Double differentially-pumped rotary feed-through for the RSXS end station (called MARES) has been awarded to PINK (Germany).

- * X-Ray Microscopy (MISTRAL)
 - It has been invited to a European User Network (Program Instruct: Associated Center for Microscopy and Image Processing)

IDs:

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

- * UE62, UE71, MPW80
 - Presently at ALBA
 - The site acceptance tests show that they comply with the specifications

- * SC-W31
 - Mechanical problems have been solved

Accelerators:

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

The linac has been in operation and a optimization process in preparation for injection into the Booster is ongoing. The RF cavity has been conditioned and the testing of the B0 power supplies is progressing. The coming weeks will be spent debugging the control system and performing further tests on the sub-systems so that we are ready to start commissioning the Booster as soon as the permission from the CSN is granted.