Mar 2010 Alba mini newsletter

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

* Core Level Absorption & Emission Spectroscopies (CLÆSS)
 - Final design of the spectrometer has been accepted and manufacturing has started (NTE)

* Materials Science and Powder Diffraction (MSPD)
 - Factory acceptance tests reports of the optics have been received

* Macromolecular Crystallography (XALOC)
 - Site acceptance tests of the BRUKER MD2M diffractometer have been successfully performed
 - Site acceptance tests of the JJ-Xray Slits of the Optics have been successfully performed

* Non-Crystalline Diffraction (NCD)
 - Site acceptance tests of the JJ-xray slits have been successfully performed
 - Mirrors have recently arrived (IDT)

* Photoemission Spectroscopy and Microscopy (CIRCE)
 - Low energy and medium energy gratings have arrived
 - Motor control with Icepap successfully tested
 - Preliminary Design Review meeting of the NAPP has been held

* Resonant Absorption and Scattering (BOREAS)
 - Optics is currently being installed

* X-Ray Microscopy (MISTRAL)
- Site acceptance tests of the mirrors: M3, M2, and M1 mirrors have been measured by LTP
- The support of the TMX has been installed

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

Superconducting wiggler SCW-31 has been assembled and has passed the FAT according specifications. Maximum achievable field is 2.1 T as expected. It is expected to be delivered at CELLS in April.

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

Installation of the 6 RF cavities is ongoing as well as the preparations for the installation of the Booster to Storage Ring Transfer Line.