

Spanish Industry in the Context of Manufacturing Accelerator Components, F. CASTRO SOLER, S. ROMO URROZ, CDTI (Ministry of Industry and Energy) Spain - Spanish industry is rather young, in terms of its participation in activities related to accelerator components manufacturing, due to its late incorporation into CERN. However, it has been gradually acquiring a proved experience in different accelerator technologies, namely superconductivity, ultra high vacuum, power supply, radiofrequency, cryogenics, engineering (mechanic & electronic) and software. Its expertise has been shown by getting industrial contracts in CERN and ESRF in hard competition with the main European companies in the field of accelerator technologies. Furthermore, Spanish industry has the willingness and capability to undertake new developments which allow us to be quite optimistic of its success in the future projects like LHC, the Spanish Beamline in ESRF, and specially, the Spanish Synchrotron. To this end, we in CDTI promote actions to enable industry to get new know-how, which added to that which it now has, must lead to good participation in the future projects, in coordination with Spanish National Plan for High Energy Physics (for the possibilities related to accelerator experiments detectors) and alongside CERN (for technology transfer purposes). If the LHC is going to be the acid test for our industry to demonstrate its maturity, the Spanish Synchrotron should show it to be of age.