

Installation and Alignment of the DAFNE Accelerators, C. BISCARI, F. SGAMMA, INFN-LNF

- The peculiarities of the installation, alignment and survey of the magnetic elements and vacuum chambers of DAFNE are described. The networks of the Damping Ring and two Main Rings are described, focusing the techniques chosen to obtain the required precisions. A description of the mechanical measurements, coupled to the magnetic ones, to refer the magnetic axis of the 92 quadrupoles and 32 sextupoles to their fiducials is underlined: emphasis is put on the strategy to couple precision with quickness. The results of the first phase alignment job and its refinement are analyzed using the orbit measurements.