

**DAΦNE, The First Φ Factory, G. VIGNOLA, INFN -**  
DAΦNE\* is a high luminosity electron/positron collider with a completely new injector presently under construction in Frascati. The construction of the accelerator complex, approved by the INFN Board of Directors in June 1990, started in summer 1993, when ADONE was shut down to leave its buildings available for the installation of the new facility. The full energy injector, consisting of a 800 MeV  $e^-$ /550 MeV  $e^+$  Linac, an intermediate Accumulator/damping ring and  $\sim$  180 m Transfer Lines between the three machines, is completely installed and under commissioning. The collider is optimized at the Φ energy (1.02 GeV c.m.), its maximum range reaching 1.4 GeV. It consists of two high current separate rings, crossing at a total horizontal angle of 25 mrad in two interaction regions, equipped with superconducting solenoids for the experimental detectors. The components of the Main Rings are being installed into the DAΦNE hall. Start of commissioning is expected by winter 1997.

\* The DAΦNE Project Team "DAΦNE: the Frascati Φ-Factory" Particle Accelerator Conference, USA, 1991.