

**DAFNE Linac Operational Performances,**  
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Frascati Phi-Factory recently come into operation, is an  
 $e^+/e^-$  collider whose injection system is composed by a  
 $\sim 60$  m Linac and by a  $\sim 33$  m long damping ring connected  
to each other and to the DAFNE Main Rings by  $\sim 180$  m of  
transfer line. Both the positron and electron beams are  
alternately produced and accelerated by the Linac up to the  
operation energy of 510 MeV. Because of the high peak  
and integrated luminosity requested to DAFNE, the  
requirements concerning some of the relevant Linac  
features, in particular the value of the positron macrobunch  
peak current are very demanding. During the Linac  
operation all the design values have been achieved and in  
most cases surpassed. A description of the relevant  
operational performances of the DAFNE Linac is presented.