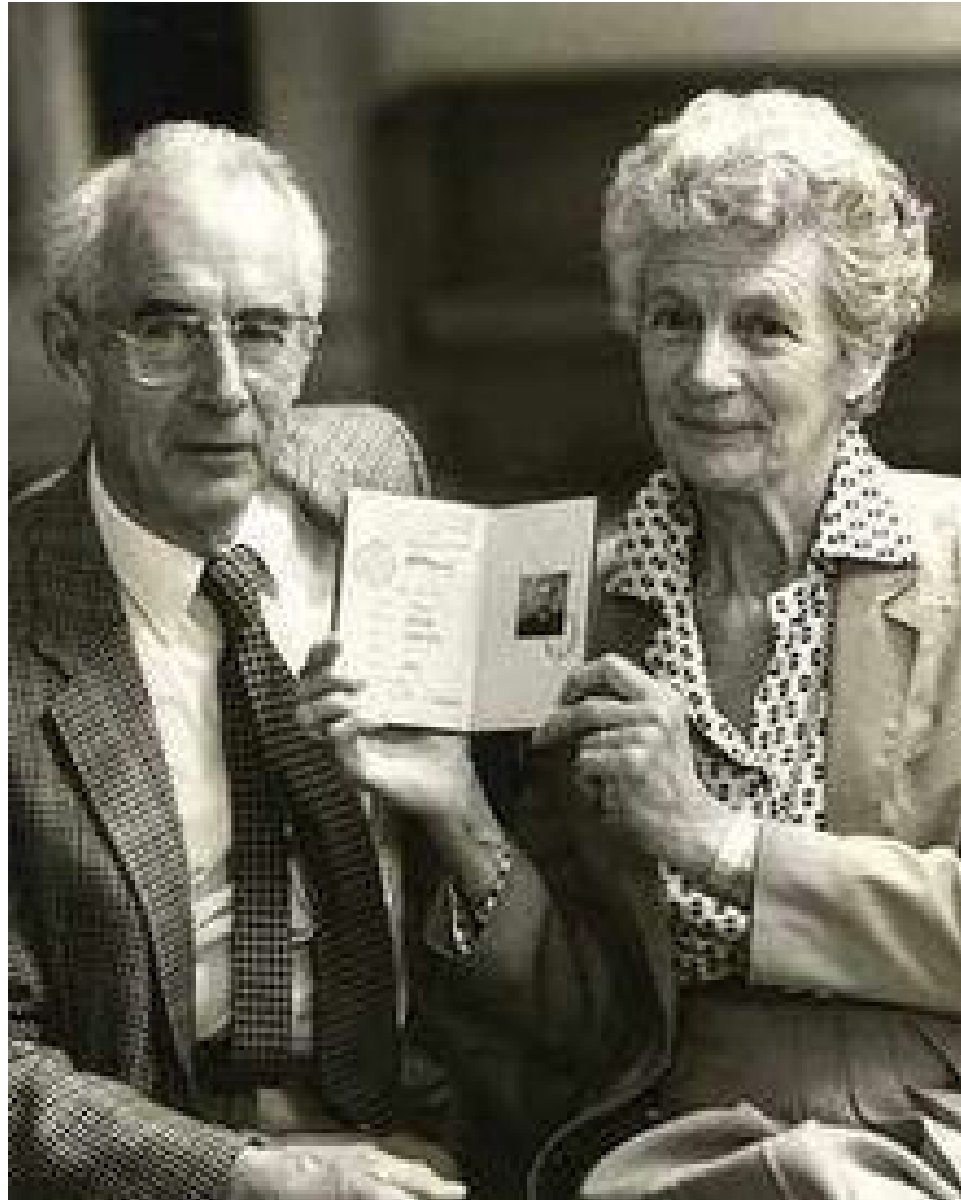


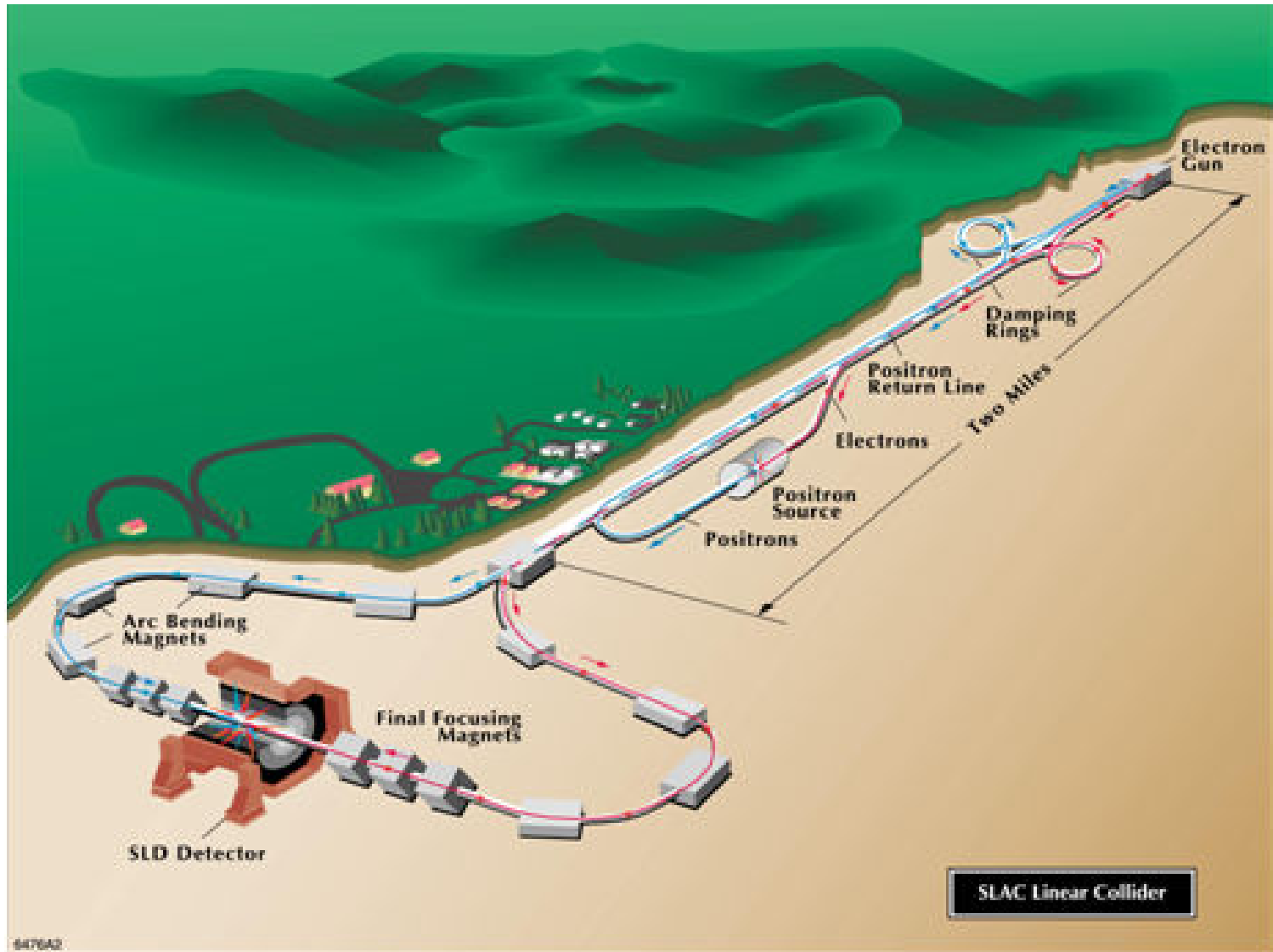
# Guy von Dardel & Nina Langregren



# LEP 1000



# The SLAC Linear Collider



6476A2

# LEP Startup



*The packed control room at the start-up of LEP on 14 July 1989. Carlo Rubbia, director-general of CERN at the time, is in the centre (with tie) and to his right Herwig Schopper, former director-general. Steve Myers is at the desk to the right.*

# Tuning Up the SLC



## General Design Parameters for 500 GeV Linear Collider

	<b>TESLA</b>	<b>SBLC</b>	<b>NLC</b>
RF frequency (GHz)	1.3	3.0	11.4
Accelerating Gradient Unloaded/Loaded (MV/m)	25/25	21/17	50/37
Active Linac Length (km)	20	30.2	14.2
Total Linac Length (km)	29	33	15.6
Peak Power per Meter (MW/m)	0.206	12.2	50
Total Number of Klystrons	604	2517	3936
Total Avg. RF Pwr. (MW)	54	51.6	30.6
Total AC Power (MW)	154	139	103

Source: ILC Technical Review Committee Report (1995)