

**FERMI TREE**

**Francesco Rossetti**

**Andrea Naccari**  
(Padua, 1862)

**Angelo Battelli**  
(Turin, 1884)

**Luigi Puccianti**  
(Pisa, 1898)

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**Fermi-Dirac statistics, distribution (1926)**  
**Fermi resonance, Fermi level, fermions, Fermi hole,**  
discovery of nuclear reactions producing new radioactive  
elements by neutron irradiation, chain reaction atomic pile  
**(1941 - 6) Physics Nobel 1938**

**Leo James Rainwater**  
development of theory  
of structure of atomic  
nucleus  
**Physics Nobel 1975**

**Val L. Fitch**  
discovery of violations  
of fundamental symmetry  
principles in the decay of  
neutral K-mesons  
**Physics Nobel 1980**

**Emilio G. Segre**  
Discovery of element  
43, technetium (1937);  
Discovery of element 85  
astatine (1940)  
(with **Dale R. Corson**);  
discovery of the antiproton  
**Physics Nobel 1959**

**Marcello Conversi**  
(Rome, 1940)

**Carlo Rubbia**  
Discovery of field particles W and Z  
**Physics Nobel 1984**

**Owen Chamberlain**  
discovery of the antiproton  
**Physics Nobel 1959**

**Jack Steinberger**  
**Melvin Schwartz**  
Discovery of neutrino beam method  
Discovery of muon neutrino  
Discovery of doublet structure of leptons  
**Physics Nobel 1988**

**Jerome I. Friedman**  
developments of the quark  
model in particle physics  
**Physics Nobel 1990**

**Tsung-Dao Lee**  
**Chen Ning Yang**  
investigation of  
parity laws pertaining  
to elementary particles  
**Physics Nobel 1957**

**Sam B. Treiman**  
(Chicago, 1952)  
**Geoffrey F. Chew**  
(Chicago, 1949)

**David J. Gross**  
**Frank Wilczek**  
Discovery of asymptotic  
freedom in the theory of  
the strong interaction  
**Physics Nobel 2004**