

Fermionen

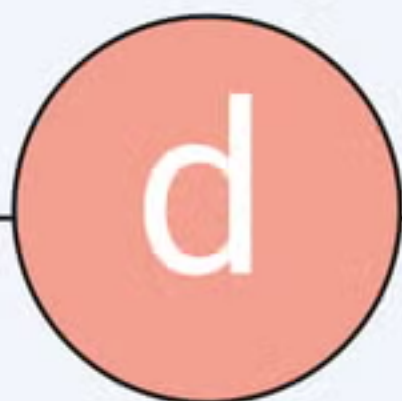
Quarks

Leptonen

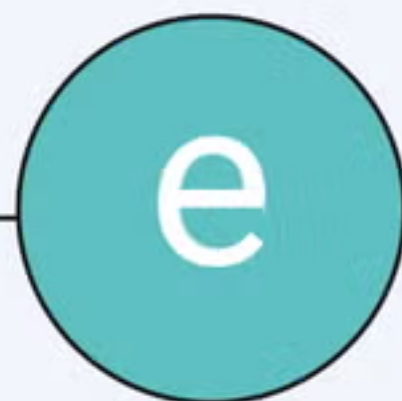
Generation I



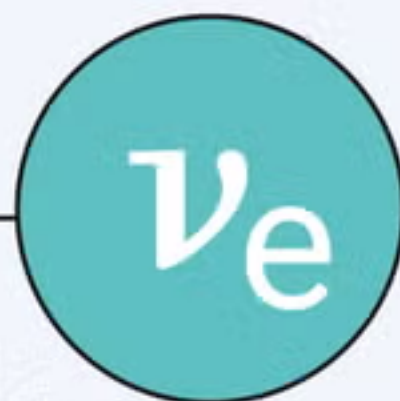
Up



Down

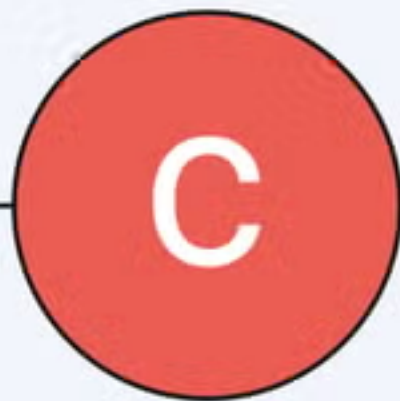


Elektron



Elektron-
Neutrino

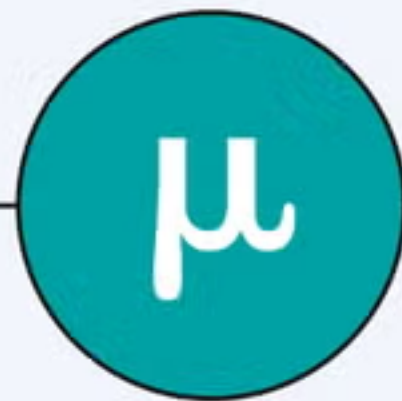
Generation II



Charm



Strange

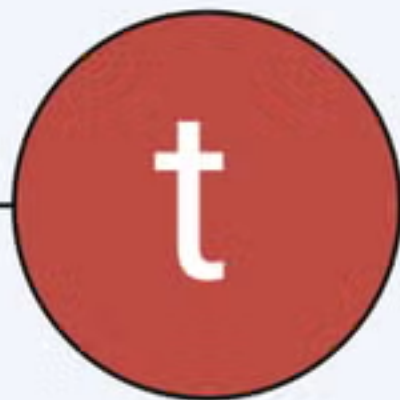


Myon

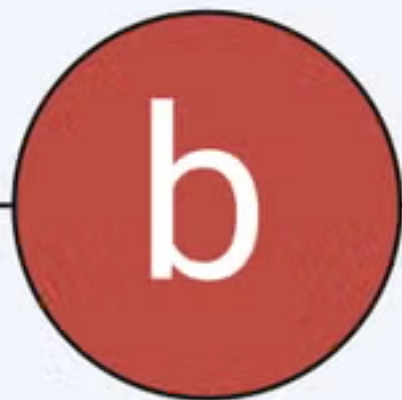


Myon-
Neutrino

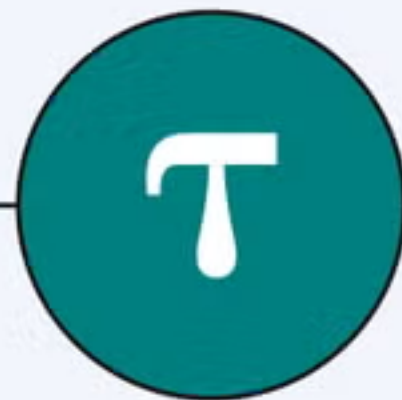
Generation III



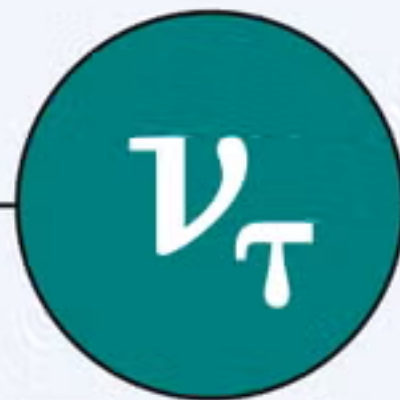
Top



Beauty



Tauon



Tauon-
Neutrino

leichter



schwerer

Bosonen



Photon

Elektro-
magnetismus



Gluon

starke
Kraft



Z-Boson



W-Boson

schwache
Kraft



Higgs