Particle Twister

fermions

charged leptons

e^-	e^+	μ^-	μ^+	τ^-	τ^+
electron	positron	muon	anti-muon	tau	anti-tau

neutral leptons

ν_e	$\bar{\nu}_e$	ν_μ	$\bar{\nu}_\mu$	ν_τ	$\bar{\nu}_\tau$
electron neutrino	anti-electron neutrino	muon neutrino	anti-muon neutrino	tau neutrino	anti-tau neutrino

up-type quarks

u	$\bar{u}$	c	$\bar{c}$	t	$\bar{t}$
up quark	anti-up quark	charm quark	anti-charm quark	top quark	anti-top quark

down-type quarks

d	$\bar{d}$	s	$\bar{s}$	b	$\bar{b}$
down quark	anti-down quark	strange quark	anti-strange quark	bottom quark	anti-bottom quark

bosons

γ	W^+	W^-	Z^0	g	H
photon	W^+ boson	W^- boson	Z boson	gluon	Higgs boson

bosons

electromagnetic strong weak Higgs

created by Katarina Anthony & Sascha Mehlhase