

Summer School on Particle Physics

Three Generations
of Matter (Fermions)

	I		II		III	
mass	2.4 MeV	4.8 MeV	124 MeV	1.27 GeV	171.2 GeV	0
charge	$\frac{2}{3}$	$-\frac{1}{3}$	$\frac{2}{3}$	$-\frac{1}{3}$	$\frac{2}{3}$	$-\frac{1}{3}$
spin	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
name	u up	d down	c charm	s strange	t top	b bottom
Quarks						
Leptons	ν_e electron neutrino	ν_μ muon neutrino	ν_τ tau neutrino	ν weak force	γ photon	Z weak force
	e electron	μ muon	τ tau			W weak force

Contribution ID: 35

Type: not specified

Higgs –experimental results

Thursday, 18 July 2019 10:30 (2 hours)

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