

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
						γ photon
Quarks						g gluon
	ν_e electron neutrino	ν_μ muon neutrino	ν_τ tau neutrino			Z^0 weak boson
Leptons	e electron	μ muon	τ tau			W [±] weak boson

Contribution ID: 45

Type: not specified

Movie: Almost Nothing

Monday, 22 July 2019 16:00 (2 hours)