

Summer School on Particle Physics

Three Generations of Matter (Fermions)					
	I		II		III
mass	2.4 MeV	4.2 MeV	171.2 GeV	0	0
charge	$\frac{2}{3}$	$\frac{2}{3}$	$\frac{2}{3}$	$\frac{1}{3}$	$\frac{1}{3}$
spin	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
name	u up	c charm	t top	γ photon	
Quarks	d down	s strange	b bottom	g gluon	
	ν_e electron neutrino	ν_μ muon neutrino	ν_τ tau neutrino	Z weak boson	ϕ
Leptons	e electron	μ muon	τ tau	W weak boson	W

Contribution ID: 28

Type: not specified

Top Quark, exercises

Friday, 12 July 2019 16:00 (1 hour)

Presenters: Dr PANIZZO, Giancarlo; Prof. COBAL, Marina