

Summer School on Particle Physics

Three Generations of Matter (Fermions)

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

Masses (Fermions)

Contribution ID: 24

Type: not specified

Detectors II

Thursday, 19 July 2018 14:00 (2 hours)

Presenter: Prof. VACCHI, Andrea