

Summer School on Particle Physics

Three Generations of Matter (Fermions)				
	I		II	
mass	2.4 MeV	4.2 MeV	171.2 GeV	0
charge	$\frac{2}{3}$	$\frac{1}{3}$	$\frac{2}{3}$	$\frac{1}{3}$
spin	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$
name	u up	c charm	t top	$\gamma$ photon
Quarks	d down	s strange	b bottom	g gluon
	$\bar{u}$	$\bar{s}$	$\bar{b}$	$\bar{g}$
	$\nu_e$ electron neutrino	$\nu_\mu$ muon neutrino	$\nu_\tau$ tau neutrino	$\bar{0}$
	$\bar{\nu}_e$	$\bar{\nu}_\mu$	$\bar{\nu}_\tau$	$\bar{0}$
Leptons	e electron	$\mu$ muon	$\tau$ tau	$\bar{W}$ weak force
	$\bar{e}$	$\bar{\mu}$	$\bar{\tau}$	$\bar{W}$ weak force

Contribution ID: 43

Type: not specified

Accelerators I

Monday, 22 July 2019 09:30 (2 hours)

Presenter: Prof. COBAL, Marina