

Summer School on Particle Physics

Three Generations of Matter (Fermions)

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

Contribution ID: 31

Type: not specified

Computing lab: Higgs

Tuesday, July 24, 2018 2:00 PM (3 hours)

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