

Summer School on Particle Physics

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

Contribution ID: 27

Type: not specified

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Friday, 12 July 2019 11:30 (1 hour)

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