

Summer School on Particle Physics

Three Generations of Matter (Fermions)					
	I		II		III
mass	2.4 MeV	4.8 MeV	124 MeV	3.27 GeV	171.2 GeV
charge	$2/3$	$-1/3$	$2/3$	$-1/3$	0
spin	$1/2$	$1/2$	$1/2$	$1/2$	1
name	u up	d down	c charm	s strange	t top b bottom g gluon
Quarks					
mass	0.511 MeV	105.7 MeV	1.777 GeV	16.1 GeV	91.1876 GeV
charge	-1	0	-1	0	0
spin	$1/2$	$1/2$	$1/2$	$1/2$	1
name	e electron	μ muon	τ tau	ν_e electron neutrino ν_μ muon neutrino ν_τ tau neutrino	γ photon Z weak force W weak force
Leptons					

Contribution ID: 40

Type: not specified

Masterclass II

Friday, 19 July 2019 10:30 (2 hours)

Summary

Presenters: Dr PANIZZO, Giancarlo; Prof. COBAL, Marina; PINAMONTI, Michele (Istituto Nazionale di Fisica Nucleare)