

Summer School on Particle Physics

Three Generations of Matter (Fermions)					
	I		II		III
mass	2.4 meV		1.27 GeV		171.2 GeV
charge	2/3		2/3		0
spin	1/2		1/2		1
name	u		c		t
	up		charm		top
Quarks	d		s		b
	down		strange		bottom
	4.8 MeV		128 MeV		4.2 GeV
	-1/3		-1/3		-1/3
Leptons	ν _e		ν _μ		ν _τ
	electron neutrino		muon neutrino		tau neutrino
	0		0		0
	1/2		1/2		1/2
Bosons (Forces)	e		μ		τ
	electron		muon		tau
	0.511 MeV		105.7 MeV		1.777 GeV
	-1		-1		-1
	W ⁻		W ⁺		Z ⁰
	photon		photon		photon

Contribution ID: 47

Type: not specified

ATLAS and CMS

Tuesday, 23 July 2019 10:30 (2 hours)

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