

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			2/3		
spin	1/2			1/2			1/2		
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		

Contribution ID: 45

Type: not specified

Movie: Almost Nothing

Monday, 22 July 2019 16:00 (2 hours)