

# Summer School on Particle Physics

Three Generations  
of Matter (Fermions)

	I		II		III	
mass	2.4 MeV	4.8 MeV	124 MeV	1.27 GeV	171.2 GeV	0
charge	$+\frac{2}{3}$	$-\frac{1}{3}$	$+\frac{2}{3}$	$-\frac{1}{3}$	$+\frac{2}{3}$	$0$
spin	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{2}$	$1$
name	u up	d down	c charm	s strange	t top	b bottom
						$\gamma$ photon
						g gluon
						$\nu_e$ electron neutrino
						$\nu_\mu$ muon neutrino
						$\nu_\tau$ tau neutrino
						$Z^0$ weak boson
						$W^\pm$ weak boson
						$W$ weak boson

Bosons (Forces)

Contribution ID: 56

Type: not specified

## Visit of a place of interest

Friday, 26 July 2019 14:30 (5 hours)