

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
Quarks						γ photon
	ν_e electron neutrino	ν_μ muon neutrino	ν_τ tau neutrino	ν gluon	ν gluon	ν gluon
Leptons	e electron	μ muon	τ tau	Z^0 weak force	Z^0 weak force	Z^0 weak force
						W weak force

Contribution ID: 55

Type: not specified

Visit to the Synchrotron

Friday, 26 July 2019 09:30 (3 hours)