

ESIPAP 2014 - Module 1 - Physics of particle and astroparticle detectors

Monday, 20 January 2014

Experimental subatomic physics (09:00 - 10:30)

-Conveners: Marco Delmastro

time	[id] title	presenter
09:00	[1] Introduction	
09:05	[2] Units, quantities, kinematics, measurements	

Experimental subatomic physics (14:00 - 15:30)

-Conveners: Marco Delmastro

time	[id] title	presenter
14:00	[3] A few things about particle accelerators	

Tuesday, 21 January 2014

Experimental subatomic physics (09:00 - 10:30)

-Conveners: Marco Delmastro

time	[id] title	presenter
09:00	[4] Particle interactions in particle detectors	

Experimental subatomic physics: (tutorial) (14:00 - 15:30)

-Conveners: Marco Delmastro

time	[id] title	presenter
14:00	[5] Tutorial 1: kinematics, particle interaction and detector response	

Wednesday, 22 January 2014

Experimental subatomic physics (09:00 - 10:30)

-Conveners: Marco Delmastro

time	[id] title	presenter
09:00	[6] Systems used to identify and measure particle properties	

Experimental subatomic physics: (tutorial) (10:45 - 12:15)

-Conveners: Marco Delmastro

time	[id] title	presenter
10:45	[7] Tutorial 2; analysis of classic experiments	

Thursday, 23 January 2014

Experimental subatomic physics (09:00 - 10:30)

-Conveners: Marco Delmastro

time	[id]	title	presenter
09:00	[8]	Particle experiment design	

Experimental subatomic physics: (tutorial) (10:45 - 12:15)

-Conveners: Marco Delmastro

time	[id]	title	presenter
10:45	[9]	Tutorial 3: analysis of Higgs discovery papers	

Monday, 27 January 2014

Experimental subatomic physics (09:00 - 10:30)

-Conveners: Marco Delmastro

time	[id]	title	presenter
09:00	[10]	Detection of neutrinos (and other invisible particles)	

Experimental subatomic physics: (tutorial) (10:45 - 12:15)

-Conveners: Marco Delmastro

time	[id]	title	presenter
10:45	[11]	Tutorial 4: analysis of neutrino experiments	