

Lecture Plan (Dates, subjects (prel.))

Vorlesung Teilchendetektoren WS 2015/16

		VL Std.	Bilanz Std.
22. Okt.	Introduction	2	
23. Okt.			-1
29. Okt.	Interaction of charged particles with matter	2	
30. Okt.	Interaction of charged particles with matter	2	1
05. Nov.	Interaction of neutral particles with matter	2	
06. Nov.			-1
12. Nov.	Ionisation measurements	2	
13. Nov.	Ionisation measurements	2	1
19. Nov.	Tracking detectors I (MWPC, driftchamber)	2	
20. Nov.			-1
26. Nov.	Tracking detectors II (driftchamber, TPC)	2	
27. Nov.	Tracking detectors III (Silicon detectors)	2	1
03. Dez.	Tracking detectors IV (Silicon detectors)	2	
04. Dez.			-1
10. Dez.	Measurement of particle momenta, muon	2	
11. Dez.	Photomultipliers	2	1
17. Dez.	Scintillators, Time measurement	2	
18. Dez.		2	1
Weihnachtspause			
07. Jan	Energy measurement in calorimeters I	2	
08. Jan	Energy measurement in calorimeters II	2	1
14. Jan	Energy measurement in calorimeters III	2	
15. Jan			-1
21. Jan	Particle Identification, Cherenkov detectors	2	
22. Jan	Particle Identification, Transition radiation	2	1
28. Jan	Detector systems	2	
29. Jan			-1
04. Feb.			-2
05. Feb.	ATLAS and CMS detectors	2	1
11. Feb.	Applications in medicine and other areas	2	
12. Feb.	Klausur	1	
	Summe	45	0