

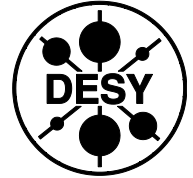
SUMMER STUDENTS.

Lectures for DESY Summer Students 2017 in Zeuthen

DESY scientists give introductory lectures to the research topics of the laboratory.

They take place in the seminar room 1 on the top floor of the experimental hall. The schedule can change – please watch the information on the summer student web page. Lectures always start at 09:30 and should last max 90 min.

18.7.	Welcome & Introduction	Karl Jansen
18.7.	Safety briefing (afternoon)	
18.7.	Warm-up Party at the lake (afternoon)	Students, supervisors
19.7.	Computing	Stephan Wiesand
20.7.	Computing	Stephan Wiesand
24.7	Introduction into Data Analysis	Orel Gueta
25.7	Neutrino Physics I	Walter Winter
26.7.	Neutrino Physics II	Walter Winter
27.7.	Accelerator Physics I	Pedro Castro
28.7	Accelerator Physics II	Pedro Castro
31.7	Introduction to the Standard Model I	Thorsten Kuhl
1.8	Introduction to the Standard Model II	Thorsten Kuhl
2.8	Introduction to the Standard Model III	Thorsten Kuhl
2.8	Students intermediate reports	(afternoon)
3.8.	LHC I	Ingo Bloch
4.8.	LHC II	Ingo Bloch
7.8.	Lattice Gauge Theory	Constantia Alexandrou
8.8	Photoinjector PITZ, I	Gregor Loisch
9.8	Photoinjector PITZ, II	Gregor Loisch
10.8		
11.8	Introduction to Magnetohydrodynamics	Rolf Bühler
14.8		
15.8		
16.8	Advanced Methods of Data Analysis	Orel Gueta
17.8	Machine Learning Techniques	Stefan Ohm
18.8		
21.8	Dark Matter I	Moritz Hütten
22.8	Dark Matter II	Moritz Hütten



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24/25.8	Trip to DESY Hamburg	
25.8	Astroparticle Physics (in Hamburg)	Gernot Maier
28.8	Cosmology I	Jakob Nordin
29.8	Cosmology II	Jakob Nordin
30.8		
31.8.	Perturbative QCD I	Johannes Blümlein
1.9.	Perturbative QCD II	Johannes Blümlein
4.9.	Introduction into Monte Carlo Methods	Johannes Knapp
6.9.	Final student reports	
7.9.	Final student reports	