

FYST17 – Student projects

Possible dates:

Thursday, February 26 (15:15)

Tuesday, March 3 (13:15)

Thursday, March 5 (15:15)

Friday, March 6 (15:15)

Suggested topics	Name, date
1: Discovery of ν_e	
2: Discovery of ν_μ	
3: Discovery of τ	
4: Discovery of up- and down- quarks	
5: Discovery of J/ψ	
6: Discovery of bottom-quark	
7: Colliders, storage rings (Tevatron, LHC, RHIC)	
8: Linear accelerators (SLAC, future plans)	
9: Wire chambers: types and usage in experiments	
10: Cherenkov counters: usage in experiments	
11: Search for pentaquarks	
12: Enrico Fermi role in particle physics	
13: Richard Feynman role in particle physics	
14: Abdus Salam research in particle physics	
15: CMS experiment at CERN: detector and physics	
16: IceCube experiment: detector and physics	
Propose your own topic:	
a:	
b:	
c:	
d:	
e:	
f:	