

PHYSICS 403 SYLLABUS, SUMMER 2021

Instructors: Eugene V Colla and Alexey Bezryadin

	Date	Day	Activity		Lectures: 10am Journal club: 3pm	Note	Due days
			8am-noon	1pm-5pm			
1	6/15	Tuesday	Orientation		About Phy403		
2	6/16	Wednesday	Cycle 1-1	Cycle 1-1	OriginPro, ROOT Intro		
3	6/22	Tuesday	Cycle 1-1	Cycle 1-1	Ferroelectricity		
4	6/23	Wednesday	Cycle 1-1	Cycle 1-1	Written Reports		
5	6/29	Tuesday	Cycle 1-2	Cycle 1-2	Error analysis		
6	6/30	Wednesday	Cycle 1-2	Cycle 1-2	Lock-in Amps and FT		C1-Ex1(7.01.2021)
7	7/06	Tuesday	Cycle 1-2	Cycle 1-2	Oral Reports/Talks		
8	7/07	Wednesday	Cycle 2-1	Cycle 2-1	Superconductivity	Rotate	
9	7/13	Tuesday	ORALS Cycle 1				
10	7/14	Wednesday	Cycle 2-1	Cycle 2-1	TBA		C1-Ex2(7.15.2021)
11	7/20	Tuesday	Cycle 2-1	Cycle 2-1	Nuclear Physics		
12	7/21	Wednesday	Cycle 2-2	Cycle 2-2	Measuring Temperature		
13	7/27	Tuesday	Cycle 2-2	Cycle 2-2	Entanglement		C2-Ex1(7.29.2021)
14	7/28	Wednesday	Cycle 2-2	Cycle 2-2	TBA		
15	8/03	Tuesday	FINAL ORALS				
16	8/05	Thursday			READING DAY		C2-Ex2(8.06.2021)