## PHYSICS 403, SYLLABUS, SUMMER 2024

## **Instructors: Eugene V Colla and Alexey Bezryadin**

	Date	Day	Activity		Lectures: 10am	NT. 4	Dana Jama
			8am-noon	1pm-5pm	Journal club: 3pm	Note	Due days
1	6/11	Tuesday	Orientation		About Phy403		
2	6/12	Wednesday	Cycle 1-1	Cycle 1-1	OriginPro, ROOT Intro		
3	6/18	Tuesday	Cycle 1-1	Cycle 1-1	Error analysis		
4	6/25	Tuesday	Cycle 1-1	Cycle 1-1	Written Reports		
5	6/26	Wednesday	Cycle 1-2	Cycle 1-2	Superconductivity		
6	7/02	Tuesday	Cycle 1-2	Cycle 1-2	Entanglement		C1-Ex1(7.04.2024)
7	7/03	Wednesday	Cycle 1-2	Cycle 1-2	Oral Reports/Talks		
8	7/09	Tuesday	Cycle 2-1	Cycle 2-1	High Energy Physics		
9	7/10	Wednesday	ORALS Cycle 1				
10	7/16	Tuesday	Cycle 2-1	Cycle 2-1	Ferroelectricity		C1-Ex2(7.12.2024)
11	7/17	Wednesday	Cycle 2-1	Cycle 2-1	Cosmology		
12	7/23	Tuesday	Cycle 2-2	Cycle 2-2	AFM		
13	7/24	Wednesday	Cycle 2-2	Cycle 2-2	Lock-in Amps and FT		C2-Ex1(7.25.2024)
14	7/30	Tuesday	Cycle 2-2	Cycle 2-2	to be announced		
15	7/31	Wednesday	FINAL ORALS				
16	8/01				READING DAY		C2-Ex2(8.06.2024)