

# FK5029 2023

Week	Day	Date	Time	Lecture	Lecturer	Lecture location	Comments
45	Monday	6.11	09.30-10.00	Administrative information	ML	BN lecture room	
			10.00-12.00	Introduction and tutorial	JMF	BN lecture room & computer room	
	Tuesday	7.11	09.00-12.00	Photon interactions (Photoelectric effect. Compton effect. Coherent scattering. Pair production)	JMF	BN lecture room	
	Wednesday	8.11	09.00-12.00	Photon interactions (Photoelectric effect. Compton effect. Coherent scattering. Pair production)	JMF	BN lecture room	
			13.00 -14.00	Examples / Small exercises	JMF	BN lecture room	
	Thursday	9.11	09.00-12.00	Photon interactions (Photoelectric effect. Compton effect. Coherent scattering. Pair production). The attenuation equation	JMF	BN lecture room	
	Friday	10.11	09.00-12.00	Exercises on photons	JMF	BN lecture room	
46	Monday	13.11	09.00-12.00	Exercises on photons	JMF	BN lecture room	
			09.00-12.00	Exercises on photons	JMF	BN lecture room	
			13.00 -13.30	<i>Kursforum discussion among students</i>	<i>Only students</i>	BN lecture room	
			13.30 - 14.00	<i>Kursforum discussion with course coordinator</i>	<i>ML, student representatives</i>	ML office	
	Wednesday	15.11	09.00-12.00	<b>Seminar B</b>	<b>JMF</b>	BN lecture room	<b>Compulsory</b>
			13.00- 16.00	<b>Seminar B</b>	<b>JMF</b>	BN lecture room	<b>Compulsory</b>
	Thursday	16.11	09.00-12.00	Interactions of charged particles. Elastic scattering	JMF	BN lecture room	
	Friday	17.11	09.00-12.00	Interactions of charged particles. Inelastic scattering	JMF	BN lecture room	
			13.00 - 14.00	Examples / Small exercises	JMF	BN lecture room	
47	Monday	20.11	09.00-12.00	Interaction of charged particles. Bremsstrahlung emission	JMF	BN lecture room	
			13.00 - 14.00	Examples / Small exercises	JMF	BN lecture room	
	Tuesday	21.11	09.00-12.00	Positron annihilation. Range relation for charged particles	JMF	BN lecture room	
			13.00-16.00	Neutron interactions	ML	BN lecture room	
	Wednesday	22.11	09.00-12.00	Exercises on charged particles	JMF	BN lecture room	
	Thursday	23.11	09.00-12.00	Exercises on charged particles	JMF	BN lecture room	
			13.00-15.00	Photonuclear reactions	ML	BN lecture room	
	Friday	24.11	09.00-12.00	Exercises on charged particles	JMF	BN lecture room	
			13.00 -15.30	Ion interactions with matter, Inelastic nuclear interactions	ML	BN lecture room	
48	Monday	27.11	09.00-12.00	<b>Seminar A</b>	<b>JMF</b>	BN lecture room	<b>Compulsory</b>
			13.00- 16.00	<b>Seminar A</b>	<b>JMF</b>	BN lecture room	<b>Compulsory</b>
	Tuesday	28.11	09.00-17.00	Lab beta Group 1 and 2; Lab gamma Group 7 and 8	SK	Albanova	<b>Compulsory</b>
	Wednesday	29.11	09.00-17.00	Lab beta Group 3 and 4; Lab gamma Group 5 and 6	SK	Albanova	<b>Compulsory</b>
	Thursday	30.11	09.00-17.00	Lab beta Group 5 and 6; Lab gamma Group 3 and 4	SK	Albanova	<b>Compulsory</b>
	Friday	1.12	09.00-17.00	Lab beta Group 7 and 8; Lab gamma Group 1 and 2	SK	Albanova	<b>Compulsory</b>
49	Monday	4.12	09.00-12.00	The Monte Carlo method	JMF	BN lecture room	
			13.00-16.00	The Monte Carlo method - applications	JMF	BN lecture room	

	Tuesday	5.12	13.00-16.00	Lab alpha Group 1	WH	Albanova	Compulsory
	Wednesday	6.12	09.00-12.00	Lab alpha Group 2	WH	Albanova	Compulsory
			13.00-16.00	Lab alpha Group 3	WH	Albanova	Compulsory
	Thursday	7.12	09.00-12.00	Lab alpha Group 4	WH	Albanova	Compulsory
			13.00-16.00	Lab alpha Group 5	WH	Albanova	Compulsory
	Friday	8.12	09.00-12.00	Lab alpha Group 6	WH	Albanova	Compulsory
			13.00-16.00	Lab alpha Group 7	WH	Albanova	Compulsory
50	Monday	11.12	09.00-12.00	Seminar C	JMF	BN lecture room	Compulsory
			13.00- 15.00	Seminar C	JMF	BN lecture room	Compulsory
	Tuesday	12.12	09.00-12.00	General discussion	JMF	BN lecture room	
	Wednesday	13.12		Day free for studying			
	Thursday	14.12		Day free for studying			
	Friday	15.12	10.00-15.00	EXAM		BN lecture room & MSF library	

ML Marta Lazzeroni  
JMF Jose Maria Fernandez-Varea  
WH Wille Häger  
SK Suryakant Kaushik