

**Quantum Fields and Fundamental Forces  
Timetable - Spring Term 20-21**

<b>AQFT</b>	Advanced Quantum Field Theory	Andrew Tolley
<b>BH</b>	Black Holes	Kelly Stelle
<b>RC</b>	Relativity and Cosmology	Joao Magueijo
<b>QED</b>	Quantum Electrodynamics	Toby Wiseman
<b>SMB</b>	Standard Model and Beyond	Kelly Stelle
<b>String</b>	String Theory	Arkady Tsetylin
<b>SUSY</b>	Supersymmetry	Amihay Hanany
<b>FQM</b>	Foundations of Quantum Mechanics	Andrew Tolley
<b>QTM</b>	Quantum Theory of Matter	Derek Lee/Dmitry Vvedenskiy
<b>FQM RF</b>	9 classes	
<b>QTM RF</b>	9 classes	

Week 1	Time	Mon 11	Tues 12	Wed 13	Thur 14	Fri 15
11-Jan	09-10				AQFT	AQFT
	10-11				QED	QED
	11-12				SMB	SMB
QTM	12-1					
QTM	1-2					SUSY
QTM	2-3				BH	BH
FQM	3-4					
FQM	4-5					
FQM	5-6					

Week 2	Time	Mon 18	Tues 19	Wed 20	Thur 21	Fri 22
18-Jan	09-10			AQFT	AQFT	AQFT
	10-11	QED	QED		QED	QED
	11-12	SMB	String	String	SMB	SMB
QTM	12-1	String	String	RC	RC	
QTM	1-2			SUSY		SUSY
QTM	2-3	BH	RC***		BH	BH
FQM	3-4				SUSY RF	
FQM	4-5					
FQM	5-6					

Week 7	Time	Mon 22	Tues 23	Wed 24	Thur 25	Fri 26
22-Feb	09-10	SMB RF	QTM RF	AQFT	AQFT	AQFT
	10-11	SUSY	QED	QED RF	QED	QED
	11-12	SMB	FQM RF	String	SMB	SMB
QTM	12-1	String	String	RC	RC	
QTM	1-2			SUSY		SUSY
QTM	2-3	BH	RC***		BH	BH
QTM	3-4	RC RF			AQFT RF	
FQM	4-5	BH RF				
FQM	5-6					

\*\*\* Relativity and Cosmology 14:30 - 15:30

Week 3	Time	Mon 25	Tues 26	Wed 27	Thur 28	Fri 29
25-Jan	09-10	SMB RF	QTM RF	AQFT	AQFT	AQFT
	10-11	QED	QED	QED RF	QED	QED
	11-12	SMB	FQM RF	String	SMB	SMB
QTM	12-1	String	String	RC	RC	
QTM	1-2	SUSY		SUSY		SUSY
QTM	2-3	BH	RC***		BH	BH
FQM	3-4	RC RF			AQFT RF	
FQM	4-5	BH RF				
FQM	5-6					

\*\*\* Relativity and Cosmology 14:30 - 15:30

Week 8	Time	Mon 01	Tues 02	Wed 03	Thur 04	Fri 05
01-Mar	09-10		QTM RF	AQFT	AQFT	AQFT
	10-11	SUSY	QED	QED RF	QED	QED
	11-12	SMB	FQM RF	String	SMB	SMB
QTM	12-1	String	String	RC	RC	
QTM	1-2			SUSY		SUSY
QTM	2-3	BH	RC***		BH	BH
QTM	3-4				SUSY RF	
FQM	4-5					
FQM	5-6					

\*\*\* Relativity and Cosmology 14:30 - 15:30

Week 4	Time	Mon 01	Tues 02	Wed 03	Thur 04	Fri 05
01-Feb	09-10		QTM RF	AQFT	AQFT	AQFT
	10-11	QED	QED	QED RF	QED	QED
	11-12	SMB	FQM RF	String	SMB	SMB
QTM	12-1	String	String	RC	RC	
QTM	1-2	SUSY		SUSY		SUSY
QTM	2-3	BH	RC***		BH	BH
FQM	3-4				SUSY RF	
FQM	4-5					
FQM	5-6					

\*\*\* Relativity and Cosmology 14:30 - 15:30

Week 9	Time	Mon 8	Tues 9	Wed 10	Thur 11	Fri 12
08-Mar	09-10	SMB RF	QTM RF	AQFT	AQFT	AQFT
	10-11	SUSY	QED	QED RF	QED	QED
	11-12	SMB	FQM RF	String	SMB	SMB
QTM	12-1	String	String	RC	RC	
QTM	1-2			SUSY		SUSY
QTM	2-3	BH	RC***		BH	BH
QTM	3-4				AQFT RF	
FQM	4-5	BH RF				
FQM	5-6					

\*\*\* Relativity and Cosmology 14:30 - 15:30

Week 5	Time	Mon 08	Tues 09	Wed 10	Thur 11	Fri 12
08-Feb	09-10	SMB RF	QTM RF	AQFT	AQFT	AQFT
	10-11	QED	QED	QED RF	QED	QED
	11-12	SMB	FQM RF	String	SMB	SMB
QTM	12-1	String	String	RC	RC	
QTM	1-2	SUSY		SUSY		SUSY
QTM	2-3	BH	RC***		BH	BH
FQM	3-4	RC RF			AQFT RF	
FQM	4-5	BH RF				
FQM	5-6					

\*\*\* Relativity and Cosmology 14:30 - 15:30

Week 10	Time	Mon 15	Tues 16	Wed 17	Thur 18	Fri 19
15-Mar	09-10		QTM RF	AQFT	AQFT	AQFT
	10-11	SUSY	QED	QED RF	QED	QED
	11-12	SMB	FQM RF	String	SMB	SMB
QTM	12-1	String	String	RC	RC	
QTM	1-2			SUSY		SUSY
QTM	2-3	BH	RC***		BH	BH
QTM	3-4	RC RF			SUSY RF	
FQM	4-5					
FQM	5-6					

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Week 6	Time	Mon 15	Tues 16	Wed 17	Thur 18	Fri 19
15-Feb	09-10		QTM RF	AQFT	AQFT	AQFT
	10-11	QED	QED	QED RF	QED	QED
	11-12	SMB	FQM RF	String	SMB	SMB
QTM	12-1	String	String	RC	RC	
QTM	1-2	SUSY		SUSY		SUSY
QTM	2-3	BH	RC***		BH	BH
QTM	3-4				SUSY RF	
FQM	4-5					
FQM	5-6					

\*\*\* Relativity and Cosmology 14:30 - 15:30

Week 11	Time	Mon 22	Tues 23	Wed 24	Thur 25	Fri 26
22-Mar	09-10	SMB RF	QTM RF	AQFT	AQFT	AQFT
	10-11	SUSY	QED	QED RF	QED	QED
	11-12	SMB	FQM RF	String	SMB	SMB
QTM	12-1	String	String	RC	RC	
QTM	1-2			SUSY		SUSY
QTM	2-3	BH	RC***		BH	BH
QTM	3-4				AQFT RF	
FQM	4-5	BH RF				
FQM	5-6					