

## NASSP and PHYSICS Honours Timetable – Semester 1 – 2019

### Lecture Courses

NASSP Module for the 1<sup>st</sup> semester are Phys701, Phys736, Phys724 and Maths732

PHYS 701 Classical Field Theory 1 (CFT1) – Prof. Sivakumar Venkataraman

PHYS 701 Classical Field Theory 2 (CFT2) – Prof. Francesco Petruccione

PHYS 736 Mathematical Methods (MM) – Dr. Ilya Sinayskiy

PHYS 736 Computational Physics (CP) – Dr. Alan Matthews

PHYS 724 Techniques in Astrophysics and Space Science (TASS1): part-1 – Prof.Sivakumar Venkataraman

PHYS 724 Techniques in Astrophysics and Space Science (TASS2): part-2 – Dr. Fidy A. Ramamonjisoa

MATHS 732 Fluid Dynamics (FD) – Dr. Anne Marie Nzioki

MATHS 718 General Relativity (GR) – Dr. Rituparno Goswami

### Lecture Venue

PHYS701, PHYS736, PHYS724 and MATHS732 :      PHYSICS Seminar Room 301 – 3<sup>rd</sup> Floor, H-Block

MATHS-732, MATHS-718 :                              Maths Seminar Room 401, H1 Block

### Periods

Period 1 (07.45-08.30), Period 2 (08.40-09.25), Period 3 (09.35-10.20), Period 4 (10.30-11.15),

Period 5 (11.25-12.10), Period 6 (12.20-13.05), Period 7 (13.15-14.00), Period 8 (14.10-14.55),

Period 9 (15.05-15.50), Period 10 (16.00-16.45), Period 11 (16.55-17.40).

### Timetable

Mon 11 February – Fri 15 February (week 1)

Period	Mon	Tues	Wed	Thu	Fri
2			Registration	QM1	CM/FD
3			Induction	QM1	CM/FD
4			CM	MM	CFT1
5			CM	MM	CFT1
6					
7					
8					
9					

Mon 18 February – Fri 22 February (week 2)

Period	Mon	Tues	Wed	Thu	Fri
2	CM/FD	QM1	CM	QM1	FD
3	CM/FD	QM1	CM	QM1	FD
4	CFT1	MM	QM1	MM	
5	CFT1	MM	QM1	MM	
6					
7					GR
8	GR	TASS1	GR		GR
9	GR	TASS1	GR		

Mon 25 February – Fri 01 March (week 3)

Period	Mon	Tues	Wed	Thu	Fri
2	CM/FD	QM1	CM	QM1	QM1/FD
3	CM/FD	QM1	CM	QM1	QM1/FD
4	CFT1	MM	CFT1	MM	MM
5	CFT1	MM	CFT1	MM	MM
6	Project Talks				GR
7	Lunch				GR
8	Lunch/GR	TASS1	GR	TASS1	
9	GR	TASS1	GR	TASS1	

Mon 04 March – Fri 08 March (week 4)

Period	Mon	Tues	Wed	Thu	Fri
2	CM/FD	QM1	CM/FD	QM1	FD
3	CM/FD	QM1	CM/FD	QM1	FD
4	CFT1	MM	CFT1	MM	CFT1
5	CFT1	MM	CFT1	MM	CFT1
6					GR
7					GR
8	GR	TASS1	GR	TASS1	
9	GR	TASS1	GR	TASS1	

Mon 11 March – Fri 15 March (week 5)

Period	Mon	Tues	Wed	Thu	Fri
2	CM/FD	QM1	CM/ TASS1	QM1	FD
3	CM/FD	QM1	CM/ TASS1	QM1	FD
4	CFT1	MM	CFT1	MM	CFT1
5	CFT1	MM	CFT1	MM	CFT1
6	TASS1				GR
7	TASS1				GR
8	GR	TASS1	GR		
9	GR	TASS1	GR		

Lerato (TASS1)

Mon 18 March – Fri 22 March (week 6)

Period	Mon	Tues	Wed	Thu	Fri
2	CM/FD	QM1	CM/ TASS1		QM1/FD
3	CM/FD	QM1	CM/ TASS1		QM1/FD
4	CFT1	MM	CFT1		MM
5	CFT1	MM	CFT1		MM
6			TASS1-Test		GR
7			TASS1-Test		GR
8	GR	TASS1	GR		
9	GR	TASS1	GR		

Mon 25 March – Fri 29 March (week 7)

Period	Mon	Tues	Wed	Thu	Fri
2	QM1/FD		QM2	CFT2	FD
3	QM1/FD		QM2	CFT2	FD
4	CP	QM2	CP	SM	SM
5	CP	QM2	CP	SM	SM
6					GR
7					GR
8	GR		GR		
9	GR		GR		

Mon 01 April – Fri 05 April (week 9) - Graduations week

Period	Mon	Tues	Wed	Thu	Fri
2	QM2/FD	CFT2	QM2	CFT2	FD
3	QM2/FD	CFT2	QM2	CFT2	FD
4	CP	SM	CP	SM	SM
5	CP	SM	CP	SM	SM
6					GR
7					GR
8	GR		GR		
9	GR		GR		

Mon 08 April – Fri 12 April (week 10)

Period	Mon	Tues	Wed	Thu	Fri
2	QM2/FD	CFT2	QM2	CFT2	FD
3	QM2/FD	CFT2	QM2	CFT2	FD
4	CP	SM	CP	SM	CFT2
5	CP	SM	CP	SM	CFT2
6	TASS1		TASS1		GR
7	TASS1		TASS1		GR
8	GR	TASS1	GR		
9	GR	TASS1	GR		

Mike (TASS1)

Vacation (Sat 13 April – Sunday 21 April)

CAPETOWN Tour for NASSP students (15 April to 19 April)

#### Tentative Plan

1. 15 April (Monday) departure to Cape Town
2. 16 April – UCT
3. 17 April –SANS/SPACE TEQ
3. 18 April –SAAO and Departure to SALT
4. 19 April (Friday) - SALT morning visit and return back to CPT and to Durban

**Mon 22 April to 26 April**

Period	Mon	Tues	Wed	Thu	Fri
2		CFT2	QM2	CFT2	QM2/FD
3		CFT2	QM2	CFT2	QM2/FD
4		SM	CP	SM	CP
5		SM	CP	SM	CP
6			TASS2		GR
7		TASS2	TASS2	TASS2	GR
8		TASS2		TASS2	TASS2
9		TASS2	TASS2	TASS2	TASS2

Khadija (TASS2)

**Mon 29 April to 03 May**

Period	Mon	Tues	Wed	Thu	Fri
2	QM2/FD	CFT2		CFT2	QM2/FD
3	QM2/FD	CFT2		CFT2	QM2/FD
4	CP	SM		SM	CP
5	CP	SM		SM	CP
6	TASS2				GR
7	TASS2				GR
8	GR	TASS2		TASS2-test	TASS2
9	GR	TASS2		TASS2-test	TASS2

Khadija until to 30 April, Fidy from 02 May (TASS2)

**Mon 06 May to Fri 10 May**

Period	Mon	Tues	Wed	Thu	Fri
2	QM2/FD	SM	QM2	SM	FD
3	QM2/FD	SM	QM2	SM	FD
4	CP	CFT2	CP	CFT2	
5	CP	CFT2	CP	CFT2	GR
6	TASS2		TASS2		GR
7	TASS2		TASS2		TASS2
8	GR	TASS2	GR	TASS2	TASS2
9	GR	TASS2	GR	TASS2	

Fidy(TASS2)

**Mon 13 May – Fri 17 May (Lecture End – 15 May)**

Period	Mon	Tues	Wed	Thu	Fri
2	FD				
3	FD				
4	CFT2				
5	CFT2				
6					
7					
8	GR		GR		
9	GR		GR		