

Advanced School in General Relativity: Relativistic Astrophysics and Cosmology

Programme

FIRST WEEK: July 16 to 20

Monday, 16 July

8:00 – 9:00	REGISTRATION
9:00 – 10:30	LECTURE I Jolien Creighton (JC) – Relativistic Astrophysics I
10:30 – 11:00	Coffee Break
11:00 – 12:00	DISCUSSION AND EXERCISE RESOLUTION
12:00 – 13:30	Lunch
13:30 – 15:00	LECTURE II Raul Abramo (RA) – Modern Cosmology I
15:00 – 15:30	Coffee break
15:30 – 16:30	DISCUSSION AND EXERCISE RESOLUTION
AFTER 16:30	“FREE TIME” TO STUDY

Tuesday, 17 July

9:00 – 10:30	LECTURE I JC
10:30 – 11:00	Coffee Break
11:00 – 12:00	DISCUSSION AND EXERCISE RESOLUTION
12:00 – 13:30	Lunch
13:30 – 15:00	LECTURE II RA
15:00 – 15:30	Coffee break
15:30 – 16:30	DISCUSSION AND EXERCISE RESOLUTION

Wednesday, 18 July

9:00 – 10:30	LECTURE I JC
10:30 – 11:00	Coffee Break
11:00 – 12:00	DISCUSSION AND EXERCISE RESOLUTION
12:00 – 13:30	Lunch

13:30 – 15:00	LECTURE II RA
15:00 – 15:30	Coffee break
15:30 – 16:30	DISCUSSION AND EXERCISE RESOLUTION
17:00	Seminar: Marcelo Gleiser - Oscillons: Theory and Applications in Symmetry Breaking and Cosmology
Thursday, 19 July	
9:00 – 10:30	LECTURE I JC
10:30 – 11:00	Coffee Break
11:00 – 12:00	DISCUSSION AND EXERCISE RESOLUTION
12:00 – 13:30	Lunch
13:30 – 15:00	LECTURE II RA
15:00 – 15:30	Coffee break
15:30 – 16:30	DISCUSSION AND EXERCISE RESOLUTION
Friday, 20 July	
9:00 – 10:30	LECTURE I JC
10:30 – 11:00	Coffee Break
11:00 – 12:00	DISCUSSION AND EXERCISE RESOLUTION
12:00 – 13:30	Lunch
13:30 – 15:00	LECTURE II RA
15:00 – 15:30	Coffee break
15:30 – 16:30	DISCUSSION AND EXERCISE RESOLUTION
SECOND WEEK: July 23 to 27	
Monday, 23 July	
9:00 – 10:30	LECTURE I John Friedman (JF) Relativistic Astrophysics II
10:30 – 11:00	Coffee Break
11:00 – 12:00	DISCUSSION AND EXERCISE RESOLUTION

12:00 – 13:30	Lunch
13:30 – 15:00	LECTURE II Robert Caldwell (RC) – Modern Cosmology II
15:00 – 15:30	Coffee break
15:30 – 16:30	DISCUSSION AND EXERCISE RESOLUTION
AFTER 16:30	“FREE TIME” TO STUDY
Tuesday, 24 July	
9:00 – 10:30	LECTURE I JF
10:30 – 11:00	Coffee Break
11:00 – 12:00	DISCUSSION AND EXERCISE RESOLUTION
12:00 – 13:30	Lunch
13:30 – 15:00	LECTURE II RC
15:00 – 15:30	Coffee break
15:30 – 16:30	DISCUSSION AND EXERCISE RESOLUTION
Wednesday, 25 July	
9:00 – 10:30	LECTURE I JF
10:30 – 11:00	Coffee Break
11:00 – 12:00	DISCUSSION AND EXERCISE RESOLUTION
12:00 – 13:30	Lunch
13:30 – 15:00	LECTURE II RC
15:00 – 15:30	Coffee break
15:30 – 16:30	DISCUSSION AND EXERCISE RESOLUTION
Thursday, 26 July	
9:00 – 10:30	LECTURE I JF
10:30 – 11:00	Coffee Break
11:00 – 12:00	DISCUSSION AND EXERCISE RESOLUTION
12:00 – 13:30	Lunch

13:30 – 15:00	LECTURE II RC
15:00 – 15:30	Coffee break
15:30 – 16:30	DISCUSSION AND EXERCISE RESOLUTION
17:00	Seminar: Daniel Sudarsky - The inflationary origin of the seeds of cosmic structure: quantum theory and the need for novel physics
Friday, 27 July	
9:00 – 10:30	LECTURE I JF
10:30 – 11:00	Coffee Break
11:00 – 12:00	DISCUSSION AND EXERCISE RESOLUTION
12:00 – 13:30	Lunch
13:30 – 15:00	LECTURE II RC
15:00 – 15:30	Coffee break
15:30 – 16:30	DISCUSSION AND EXERCISE RESOLUTION