

School on Fundamental Astrophysics

First Week: October 7 – 11	
Monday, October 7	
8:00 – 9:00	Registration
9:00 – 10:00	Opening
10:00 – 10:30	Coffee break
10:30 – 11:30	Rodriguez – Highlights in Multiwavelength astronomy
11:30 – 12:30	Raga – Heating, Cooling and Acceleration in Astrophysical Flows I
12:30 – 14:30	Lunch
14:30 – 17:00	Numerics – Esquivel & Kowal
Tuesday, October 8	
9:00 – 10:00	Rodriguez – An Introduction to Radio Astronomy
10:00 – 10:30	Coffee break
10:30 – 11:30	Raga – Heating, Cooling and Acceleration in Astrophysical Flows II
11:30 – 12:30	Raga – Heating, Cooling and Acceleration in Astrophysical Flows III
12:30 – 14:30	Lunch
14:30 – 17:00	Numerics – Esquivel & Kowal
Wednesday, October 9	
9:00 – 10:00	Rodriguez – Disks and Jets in Star Formation
10:00 – 10:30	Coffee break
10:30 – 11:30	Zaldarriaga – Cosmology I
11:30 – 12:30	Zaldarriaga – Cosmology II
12:30 – 14:30	Lunch
14:30 – 17:00	Numerics – Esquivel & Kowal

Thursday, October 10	
9:00 – 10:00	Rodriguez – Observing Sgr A*, the Supermassive Black Hole at the centre of our Galaxy
10:00 – 10:30	Coffee break
10:30 – 11:30	Raga – Heating, Cooling and Acceleration in Astrophysical Flows IV
11:30 – 12:30	Zaldarriaga – Cosmology III
12:30 – 14:30	Lunch
14:30 – 17:00	Numerics – Esquivel & Kowal
Friday, October 11	
9:00 – 10:00	Zaldarriaga – Cosmology IV
10:00 – 10:30	Coffee break
10:30 – 11:30	Dal Pino – Plasma Astrophysics I
11:30 – 12:30	Gomez – Fundamentals of MHD I
12:30 – 14:30	Lunch
14:30 – 17:00	Posters
Second Week : October – 14 or 18	
Monday, October 14	
9:00 – 10:00	Brandenburg – Waves, stratification, & helioseismology
10:00 – 10:30	Coffee break
10:30 – 11:30	Dal Pino – Plasma Astrophysics II
11:30 – 12:30	Gomez – Fundamentals of MHD II
12:30 – 14:30	Lunch
14:30 – 17:00	Discussion
Tuesday, October 15	
9:00 – 10:00	Brandenburg – Turbulence & computer simulations
10:00 – 10:30	Coffee break
10:30 – 11:30	Gomez – Fundamentals of MHD III

11:30 – 12:30	Dmitruk – MHD turbulence in the solar wind I
12:30 – 14:30	Lunch
14:30 – 17:00	Discussion
Wednesday, October 16	
9:00 – 10:00	Dal Pino – Particle Acceleration I
10:00 – 10:30	Coffee break
10:30 – 11:30	Dal Pino – Particle Acceleration II
11:30 – 12:30	Dmitruk – MHD turbulence in the solar wind II
12:30 – 14:00	Lunch
14:00 – 15:00	Colloquium
15:00 – 17:00	Discussion
Thursday, October 17	
9:00 – 10:00	Brandenburg – Dynamos: helical & non-helical
10:00 – 10:30	Coffee break
10:30 – 11:30	Gomez – Fundamentals of MHD IV
11:30 – 12:30	Dmitruk – MHD turbulence in the solar wind III
12:30 – 14:30	Lunch
14:30 – 17:00	Discussion
Friday, October 18	
9:00 – 10:00	Brandenburg – MHD turbulence in stars, discs, & galaxies
10:00 – 10:30	Coffee break
10:30 – 11:30	Dmitruk – MHD turbulence in the solar wind IV
11:30 – 12:30	Closing