

2008 STFC Advanced Summer School in Solar Physics

Sunday 31st August

- 17:00 Registration & reception (open until 18:30)
- 19:00 Dinner (*Yum* restaurant)

Monday 1st September

- 08:45 Welcome address
- 09:00 From the Sun to Earth and beyond (*Robert Walsh*)
- 10:30 Tea/Coffee
- 11:00 Solar structure and evolution (*Rekha Jain*)
- 12:30 Lunch
- 13:30 Particle acceleration in the corona (*Eduard Kontar*)
- 15:00 Tea/Coffee
- 15:30 Waves and instabilities (*Alan Hood*)
- 17:00 Break
- 17:15 Student/postdoc talks
- 18:45 Dinner (*Ryan's Bar & Grill*)

Tuesday 2nd September

- 09:00 The physics of solar flares (*Lyndsay Fletcher*)
- 10:30 Tea/Coffee
- 11:00 Advanced dynamo theory (*Evy Kersale*)
- 12:30 Lunch
- 13:30 The art of helio and asteroseismology (*Bill Chaplin*)
- 15:00 Tea/Coffee
- 15:30 Magnetic coupling in the solar atmosphere (*Robertus Erdelyi*)
- 17:00 Break
- 17:15 Student/postdoc talks
- 18:45 Dinner (*Yum* restaurant)

Wednesday 3rd September

- 09:00 Solar and stellar surface magnetic fields (*Duncan MacKay*)
- 10:30 Tea/Coffee
- 11:00 The art of coronal seismology (*Valery Nakariakov*)
- 12:30 Lunch
- 13:30 Preparing for a career in science: applying for jobs (*Stephen Smartt*)
- 15:00 Tea/Coffee
- 15:30 Student/postdoc talks
- 17:00 Break
- 17:15 We come in peace (shoot to kill!) – the weapons of science fiction (*Robert Ryans*)
- 18:45 Reception & conference dinner (*Wellington Park Hotel*)

Thursday 4th September

09:00	Magnetic reconnection theory (<i>David Pontin</i>)
10:30	Tea/Coffee
11:00	Ground based instrumentation and techniques (<i>Mihalis Mathioudakis</i>)
12:30	Lunch
13:30	Space based instrumentation and techniques (<i>Louise Harra</i>)
15:00	Tea/Coffee
15:30	Inversion techniques for the interpretation of solar spectra (<i>Giulio Del Zanna</i>)
17:30	Break
18:45	Dinner (<i>Imperial City</i> restaurant)

Friday 5th September

09:00	Advanced analysis techniques for solar physics (<i>James McAteer</i>)
10:30	Tea/Coffee
11:00	Heating considerations: from the photosphere to the solar wind (<i>Lidia van Driel-Gesztelyi</i>)
12.30	Lunch
14:00	Team project – Future directions in solar physics

All 90 min talks have a 5 min break mid-way through.