

Agenda for the 2nd ISSI meeting:

	Mon 21	Tue 22	Wed 23	Thu 24	Fri 25
all-day					
09:00	Intro ISSI				
09:15	Intro - Clara and Patrick	09:30 Zoran	09:30 Ramón	09:30 Frédéric	09:30 Final discussion
10:00					
10:15	Craig	10:15 Craig	10:15 Patrick	10:15 Brandon	
11:00	11:00 Break	11:00 Break	11:00 Break	11:00 Break	
11:45	11:45 Jim	11:45 Gabriel	11:45 Matheus	11:45 Jeff (Patrick)	
12:30	12:30 Lunch	12:30 Lunch	12:30 Lunch	12:30 Lunch	
13:00					
14:00	14:00 Cooper	14:00 Clara	14:00 Discussion / Collaborative work	14:00 Discussion / Collaborative work	
14:45	14:45 Break	14:45 Break	14:45 Break	14:45 Break	
15:30	15:30 Discussion / Collaborative work	15:30 Discussion / Collaborative work	15:30 Wei (via telecon)	15:30 Discussion / Collaborative work	
16:00			16:15 Discussion / Collaborative work		
17:00					
17:30	17:30 Welcome drinks at ISSI				
18:00					
19:00				19:00 Meeting Dinner	
20:00					

Main topics per day:

Day 1: Main variables affecting TNE cycles in the parameter space

Day 2: Simulations and influence of the setup and modelling of the transition region

- Character of the thermal instability in TNE cycles (complete vs incomplete, detection of flows)

Day 3: Coronal rain, magnetic field and heating mechanisms

Day 4: Loop modelling, coronal rain and solar flares

Day 1: Monday 21

- Introduction (ISSI, Maurizio Falanga) **9:00 - 9:15**
- Goals of the meeting, key questions (Clara & Patrick) **9:15 - 10:15**

- The effects of numerical resolution, heating time-scales and background heating on TNE in coronal loops (Craig) **10:15 - 11:00**

Break 11:00 - 11:45

- The role of asymmetries in TNE (Jim) **11:45 - 12:30**

Lunch 12:30 - 14:00

- Thermal non-Equilibrium in 1D and 3D:
Quantifying Cycle Properties and Testing Predictions (Cooper) **14:00 - 14:45**

Break 14:45- 15:30

- Discussion / Collaborative work sessions **15:30 - 17:30**

Day 2: Tuesday 22

- Exploration of Heating of AR11339 (November 8, 2011) (Zoran) **9:30 - 10:15**

- Modelling the Transition Region Using an Adaptive Conduction Method (Craig) **10:15 - 11:00**

Break 11:00 - 11:45

- On the detection of plasma flows associated with incomplete-condensation cycles (Gabriel) **11:45 - 12:30**

Lunch 12:30 - 14:00

- Multi-scale observations of TNE (Clara) **14:00 - 14:45**

Break 14:45- 15:30

- Discussion / Collaborative work sessions **15:30 - 17:30**

Day 3: Wednesday 23

- Coronal rain dynamics from 2D numerical simulations (Ramón) **9:30 - 10:15**

- Tracing fundamental processes of coronal heating in coronal loops: reconnection microjets (Patrick) **10:15 - 11:00**

Break 11:00 - 11:45

- Magnetic field determination using the Weak Field Approximation (Matheus) **11:45 - 12:30**

Lunch 12:30 - 14:00

- Discussion / Collaborative work sessions **14:00 - 14:45**

Break **14:45- 15:30**

- Magnetic Topological Preference in Coronal Condensation (from prominence/coronal rain)
(Wei, via telecon) **15:30 - 16:15**

- Discussion / Collaborative work sessions **16:15 - 17:30**

Day 4: Thursday 24

- 3D reconstruction of the loops bundle channeling coronal rain during the "Rainbow"
event (Frédéric) **9:30 - 10:15**

- Are all solar flares the same? (Brandon) **10:15 - 11:00**

Break **11:00 - 11:45**

- Electron beams cannot produce coronal rain (Jeff via Patrick) **11:45 - 12:30**

Lunch **12:30 - 14:00**

- Discussion / Collaborative work sessions **14:00 - 14:45**

Break **14:45- 15:30**

- Discussion / Collaborative work sessions **15:30 - 17:30**

Day 5: Friday 25

- Final discussion **09:30 - 12:00**