

## Agenda for the first meeting of ISSI Team “The Nature of Coronal Bright Fronts”

<b>Monday 20<sup>th</sup> January 2014</b>		
13:30 – 13:45	Welcome and Introduction to ISSI	Maurizio Falanga
13:45 – 14:15	Goals of the Workshop	David/Shawn
<b>Observational Techniques</b>		
14:15 – 14:45	Data manipulation (Comparison between running-/base-difference and -ratio, reasoning? Other contrast enhancement techniques?)	David/Shawn
14:45 – 15:15	Feature identification (Comparison of forward-edge and peak. Broadening? Variation of Integrated intensity?)	Astrid/Alexander
15:15 – 15:30	BREAK	
15:30 – 16:00	Kinematic interpretation (Impact of cadence? Choice of start time? Fitting vs numerical differencing?)	Shawn/David
16:00 – 16:30	Multi-dimensional observations (Utilization of 3D? Lessons from STEREO and simulations? Spatio-temporal filtering?)	Peng-Fei/Cooper
16:30 – 17:00	Discussion of technique capabilities	All
17:00 – ...	Welcome drink offered by ISSI	

<b>Tuesday 21<sup>st</sup> January 2014</b>		
<b>Observable Predictions from Theory</b>		
09:00 – 09:10	Introduction (properties, kinematics and morphology predicted by theory)	David/Shawn
09:10 – 09:50	Chen CME model	Peng-Fei
09:50 – 10:30	Fast-mode waves	Alexander
10:30 – 10:40	BREAK	
10:40 – 11:20	Delannée CME model	Angelos
11:20 – 12:00	Shock waves	Bojan
12:00 – 13:30	LUNCH	
13:30 – 14:10	Attrill CME model	Astrid
14:10 – 14:50	Wave/CME hybrid	Cooper
14:50 – 15:10	BREAK	
15:10 – 15:55	What kinematics and/or morphology discriminate between models?	All
15:55 – 16:40	What properties (e.g., temperature, density) discriminate between models?	All
16:40 – 17:00	Summary of predicted observables	David/Shawn

## Wednesday 22<sup>nd</sup> January 2014

### Observational Findings of Events

09:00 – 09:10	Introduction	Shaun/David
09:10 – 10:30	2007 May 19 event – EUVI	David/Astrid/Peng-Fei/Alexander
10:30 – 10:40	BREAK	
10:40 – 12:00	2010 Jun 13 event – SDO	Angelos/Cooper/Bojan
12:00 – 13:30	LUNCH	
13:30 – 14:50	2011 Feb 15/16 events – SDO	David/Astrid/Angelos
14:50 – 15:00	Summary of agreements/disagreements	Shaun/David
15:00 – 15:15	BREAK	
15:15 – 16:45	What new properties or evolution should techniques be measuring?	All
16:45 – 17:00	Summary	David/Shaun

## Thursday 23<sup>rd</sup> January 2014

### Improvements/Alternative Data Sources

09:00 – 09:10	Introduction	Shaun/David
09:10 – 09:50	What observational inputs/constraints would improve simulations?	Cooper/Peng-Fei
09:50 – 10:30	Can we improve the current theoretical models?	All
10:30 – 10:40	BREAK	
10:40 – 12:00	Alternative data sources – e.g., ground-based (Kanzelhöhe, Yunnan, Sac. Peak), Hinode/EIS, Hinode/XRT, IRIS	All
12:00 – 13:30	LUNCH	
13:30 – 15:00	Develop Joint Observing Plans	All
15:00 – 15:15	BREAK	
15:15 – 16:45	Develop Joint Observing Plans	All
16:45 – 17:00	Summary	David/Shaun

## Friday 24<sup>th</sup> January 2014

### Team Meeting Roadmap

09:00 – 09:10	Introduction	Shaun/David
09:10 – 09:50	What papers do we want? Theory-distinguishing observable properties? Standardized statistical study?	All
09:50 – 10:30	Discussion of paper directions (e.g., if statistical, what event selection?)	All
10:30 – 10:40	BREAK	
10:40 – 12:00	Preparation for next team meeting. Focus? External experts/young scientist? Dates? Action items?	All
12:00 – 13:30	LUNCH	