Monday, 18 May 2015

Introduction

13:00 -	Registration open	
14:00-14:05	Welcome/LOC information	Scott McIntosh
14:05-14:15	*Status of IRIS*	Bart De Pontieu
14:15-14:30	***Planning coordinated observations with IRIS***	***Paul Boerner***

Flares

14:30-15:00	***Solar Flares: Unresolved Issues in the IRIS Era***	***Lyndsay Fletcher***
15:00-15:15	*Magnetic Energy Dissipation during the 2014 March 29 Flare: Consistent Measurements in the Transition Region and Corona with IRIS and AIA/SDO*	Markus Aschwanden
15:15-15:30	*Evaporation flows in a bright kernel of a X1.6 flare observed on 2014 October 22 by IRIS, Hinode, and RHESSI*	Kyoung Sun Lee

15:30-16:00	COFFEE BREAK & POSTER VIEWING	

Tutorial

16:00-18:00	**Tutorial of Flare Simulations with RADYN**	**Joel Allred & Adam Kowalski**

18:30-20:30	Welcome Reception & BBQ	
20:45	Shuttle bus picks up at evening reception for return to Holiday Inn	

Tuesday, 19 May 2015

08:25	Shuttle bus picks up at Holiday Inn for ride to workshop	
08:45-09:00	*Chomospheric Evaporation and Plasma Dynamics of a Solar Flare from IRIS Observations*	Alexander Kosovichev
09:00-09:15	*Chromospheric Evaporation in an X1.0 Flare on 2014 March 29 Observed with IRIS and EIS*	Ying Li
09:15-09:30	*High cadence IRIS observations of evaporating flare ribbon sources*	David Graham
09:30-09:45	*Mg II h & k Line Emission Observed During a Solar Flare*	Graham Kerr
09:45-10:00	*Mg II lines during the X-class flare on 2014 March 29 observed by the Interface Region Imaging Spectrograph (IRIS)*	Wenjuan Liu
10:00-10:15	*Modeling the chromospheric emission of the 29 March 2014 X1.0 flare using radiative hydrodynamic simulations*	Fatima Rubio da Costa
10:15-11:15	COFFEE BREAK & POSTER VIEWING	
11:15-11:45	***Chromospheric and Transition Region dynamics***	***Luc Rouppe van der Voort***
11:45-12:00	*Full Disk Variability of Mg II h*	Donald Schmit
12:00-12:15	*The Mg II triplet lines as a diagnostic for heating in the lower chromosphere*	Tiago Pereira
12:15-12:30	*The Chromosphere above the sunspot umbra as seen in the New Solar Telescope and Interface Region Imaging Spectrograph*	Vasyl Yurchyshyn
12:30-12:45	*DKIST Critical Science plan*	Mark Rast
12:45-14:00	LUNCH BREAK	
14:00-15:15	**Tutorial on IRIS data analysis**	**Tiago Pereira**
15:15-15:30	COFFEE BREAK	
15:30-17:30	**Tutorial on IRIS data analysis**	**Tiago Pereira**
17:45	Shuttle bus picks up at workshop for return to Holiday Inn	

Flares

Chromospheric & TR Dynamics Observations

Tutorial

Wednesday, 20 May 2015

08:25	Shuttle bus picks up at Holiday Inn for ride to workshop	
Prominences & Filaments		
08:45-09:15	***Atmospheric dynamics/heating from coordinated IRIS/Hinode/ SDO observations***	***Joten Okamoto***
09:15-09:30	*Solar prominences with IRIS*	Petr Heinzel
09:30-09:45	*Prominence plasma and magnetic field structure - A coordinated observation with IRIS, Hinode and THEMIS*	Peter Levens
09:45-10:00	*Quiescent prominence threads observed by IRIS in the h & k doublet of Mg II and comparison with profiles from NLTE models*	Jean-Claude Vial
10:00-10:15	*IRIS Observations of Novel, Hybrid Prominence-Coronal Rain Complexes in Supra-arcade Fan Geometries*	Wei Liu
10:15-11:30	COFFEE BREAK & POSTER VIEWING	
Chromospheric & TR jets		
11:30-11:45	*An IRIS study of penumbral microjets*	Gregal Vissers
11:45-12:00	*IRIS observation of penumbral microjets in the chromosphere and their transition region counterpart*	Yukio Katsukawa
12:00-12:15	*UV Spectra, Bombs, and the Solar Atmosphere*	Phil Judge
12:15-12:30	*Recurrent jets observed by IRIS and SDO/AIA*	Nai-Hwa Chen
12:30-14:00	LUNCH BREAK	
Tutorial		
14:00-15:15	**Tutorial on Bifrost simulations**	**Boris Gudiksen & Juan Martinez-Sykora**
15:15-15:30	COFFEE BREAK	
15:30-17:30	**Tutorial on Bifrost simulations**	**Boris Gudiksen & Juan Martinez-Sykora**
17:45	Shuttle bus picks up at workshop for return to Holiday Inn	

Thursday, 21 May 2015

08:25	Shuttle bus picks up at Holiday Inn for ride to workshop	
08:45-09:15	***Coronal science with IRIS***	***Paola Testa***
09:15-09:30	*Spectroscopic observation and modeling of a solar flare with IRIS and Hinode/EIS*	Vanessa Polito
09:30-09:45	*Largely shifted Fe XXI 1354.08 line in magnetic reconnection and chromospheric evaporation*	Hui Tian
09:45-10:00	*Probing 10 MK plasma with IRIS and SDO/AIA*	Mark Cheung
10:00-10:15	*TR Dynamics and Density Measurements in a Well-Observed Flare*	Jean-Pierre Wuelser
10:15-10:30	*Spectroscopic observations of evolving flare ribbon substructure suggesting origin in current sheet waves*	Sean Brannon
10:30-11:30	COFFEE BREAK & POSTER VIEWING	
11:30-12:00	*IRIS observations and simulation of explosive events in the transition region*	Lijia Guo
12:00-12:15	*Multi-Spacecraft Observations of A Transition Region Reconnection Event*	Charles Kankelborg
12:15-12:30	*Automatic event detection in search for inter-moss loops in IRIS Si IV slit-jaw images*	Brian Fayock
12:30-14:00	LUNCH BREAK	
14:00-15:15	**Tutorial on Optically thick line formation and interpretation of IRIS observables**	**Mats Carlsson & Jorrit Leenaarts**
15:15-15:30	COFFEE BREAK	
15:30-17:30	**Tutorial on Optically thick line formation and interpretation of IRIS observables**	**Mats Carlsson & Jorrit Leenaarts**
18:30-21:00	Conference Dinner (drinks start at 18:00)	
21:15	Shuttle bus picks up at conference dinner for return to Holiday Inn	

Corona & High-temperature plasma

Chromospheric & TR jets

Tutorial

Friday, 22 May 2015

Chromospheric & TR Dynamics Theory

08:25	Shuttle bus picks up at Holiday Inn for ride to workshop	
08:45-09:15	***Chromospheric heating***	***Mats Carlsson***
09:15-09:30	*Pinning Down Coronal Heating Properties in the Presence of Non-Equilibrium Ionization*	Stephen Bradshaw
09:30-09:45	*Non-equilibrium ionization of abundant elements in Bifrost*	Thomas Golding
09:45-10:00	*Observations and simulations of non-equilibrum ionization effects on the Si IV 1402 angs to O IV 1401 angs ratio.*	Juan Martinez-Sykora
10:00-11:15	COFFEE BREAK & POSTER VIEWING	
11:15-11:30	*The formations of the O I 135.56 nm and the C I 135.58 nm lines and their potential diagnostics*	Hsiao-Hsuan Lin
11:30-11:45	*Driving Jets and Spicules with Alfven Waves: The Idea That Won't Go Away*	Steve Cranmer
11:45-12:00	*ALMA and IRIS - A combined new view of the solar chromosphere*	Sven Wedemeyer
12:00	END OF MEETING	

E-poster Schedule

Monday, 18 May 2015		
15:30-16:00	*The IDL-Python Bridge and the IDL IPython Kernel*	Christopher Torrence (Exelis Visual Information Solutions)

Tuesday, 19 May 2015		
10:15-10:45	*New Spectral Constraints from IRIS on Models of White-Light Flare Emission*	Adam Kowalski
10:45-11:15	*Observational study of Ca II K and Mg II h/k line formations in various solar conditions*	Tomoko Kawate

Wednesday, 20 May 2015		
10:15-10:50	*The Response of the Solar Chromosphere and Transition Region to a Coronal Rain Event*	Hannah Kwak
10:50-11:25	*Statistical Study of jets emanating from the periphery of Active Region*	Sargam Mulay

Thursday, 21 May 2015		
10:30-11:00	*Physics of outflows near solar active regions*	Daniel Price
11:00-11:30	*IRIS Observations of ``Propagating Coronal Disturbance'' (PCD) Footpoints*	Scott McIntosh

Friday, 22 May 2015		
10:00-10:35	*Radiative MHD Simulations of Formation and Dynamics of Internetwork Magnetic Field and Its Effects in the Solar Chromosphere*	Irina Kitiashvili
10:35-11:10	*Simultaneous IRIS and CRISP observations of the 2014 September 6 M-class flare*	David Kuridze