Sunday May 1,	2011
4:30-7:00pm	Registration
5:00-7:00pm	Opening Reception

Monday May 2, 2011		
7:00-8:20am	Registration	
7:30-8:15am	Breakfast (Alpine Room)	
8:15-8:30am	Opening Remarks - Dean Pesnell, Phil Chamberlin, and Barbara Thompson	
Science of SDO In	vited Talk #1	Chair: Barbara Thompson
8:30-9:00am	Lika Guhathakurta	"A Living With a Star Is Born"
Connections to SE	O Invited Talk #1	Chair: Barbara Thompson
9:00-9:30am	Daniel Baker	"The Impacts of Space Weather on Society and the Economy"
9:30-10:00am	Morning Break	
Science Session #	1	Chair: Aaron Birch
The many spectra o differential rotation	f magneto-convection: obs	erved and modeled flows from granulation to meridional circulation and
10:00-10:18am	Junwei Zhao	"The Many Spectra of the HMI Time-Distance Analysis Pipeline"
10:18-10:36am	Rudolf Komm	"HMI Divergence and Vorticity Maps from Ring-Diagram Analysis"
10:36-10:54am	Lisa Rightmire	"Magnetic Element Meridional Flow: Dependence on Strength"
10:54-11:12am	Michal Svanda	"Validated helioseismic inversions for 3-D vector flows: Applications to SDO Data"
11:12-11:30am	Neal Hurlburt	"Nonlinear Three-Dimensional Magnetoconvection Around Magnetic Flux Tubes"
11:30-11:48am	Nicholas Featherstone	"Probing Subsurface Flows Around Sunspots with 3-Dimensional Ring Inversions"
11:50am-12:50pm	Lunch Break (Alpine Roo	pm)
Science Session #	2	Chair: Harry Warren
The many spectra c	f coronal temperature distri	butions
12:50-1:08pm	Juan Martinez-Sykora	"Forward Modeling in SDO/AIA Passbands: 3D Dynamic Realistc Models"
1:08-1:26pm	Chloé Guennou	"Constraining the Differential Emission Measure with multi-filter EUV images"
1.26 1.44pm	Markus Aschwandon	"Automated Temperature and Emission Measure Analysis of Coronal Loops
1:44-2:02pm	Caroline Alexander	"DEM Analysis Using a Multi-Stranded Loon and SDO/AIA"
1.44 2.02pm		"Analyzing AIA Dispersion Effects in Conjunction With RHESSI and EVE
2:02-2:20pm	Claire Raftery	Observations"
2:20-2:38pm	Mark Weber	"The AIA Temperature Data Product"
2:40-3:00pm	Shea Hess Webber	Student Poster Previews
Poster Session and Break Chair: Jesper Schou		Chair: Jesper Schou
3:00-4:00pm	Poster Session #1: "The r granulation to meridional c	nany spectra of magneto-convection: observed and modeled flows from irculation and differential rotation"
3:00-4:00pm	Poster Session #2: "The r	nany spectra of coronal temperature distributions"
3:00-4:00pm	Poster Session #3: "The r	many spectra of the Great Heliophysics Observatory"
Science Session #	3	Chair: Dean Pesnell
The many spectra c	of the Great Heliophysics Ol	bservatory and SDO Education and Public Outreach
4:00-4:18pm	Tom Woods	"The 2011 Valentine Storm As Seen by SDO"
4:18-4:36pm	J.R. Kuhn	"Is the Sun's Shape Variable?"
4:36-4:52pm	Nat Gopalswamy	"Shock Formation Height in the Solar Corona Estimated from SDO and Radio Observations"
4:52-5:10pm	W. Kent Tobiska	"SDO Data Drives Space Weather Operations"
5:10-5:28pm	Emilie Drobnes-Etesi	"SDO E/PO: The Next Generation"
Science of SDO Invited Talk #2		Chair: Dean Pesnell
5:30-6:00pm	Bradley Hindman	"What's Happening Inside the Sun?"
6:00-6:30pm	Moira Jardine	"What are the Outstanding Basic Physical Questions Concerning the Understanding of the Sun as a Star?"
9:00-11:00pm	"Meet the Students Niah	t" in Sandy's Pub

1102043/0001 Breakkast (Alpine Room) Science of SDO Invited Talk #3 Chair: Aaron Birch 8:30-9:00am William Abbett 2009:30am Janet Kozyra 9:30-9:00am Janet Kozyra 9:30-9:00am Janet Kozyra 9:30-9:00am Janet Kozyra 9:30-10:00am Morning Break Science Session #4 Chair: Aaron Birch 9:30-10:00am Morning Break Science Session #4 Chair: Jesper Schou The many spectra of active regions: from flux concentration and emergence to active region formation and decay: Part I 10:30-10:18am Stephane Regnier 7/lixx Emergence of the Active Region: the First 8 Hours" 10:36-10:54am Lokesh Bharti 10:36-11:12am Anan Malanushenko 11:26-11:13am Anan Birahanushenko 11:30-11:48am Lucesa Tarr Region NOAA ARTI1112" 11:50am-12:50pm Luch Break (Alpine Room) Science Session #5 Chair: Dean Pesnell The many spectra of active regions: from flux concentration and energence to active region formation and decay: Part II 11:50am-12:50pm Lake Nordiund Tab Irito Solar Active Region Simulations" </th <th colspan="3"></th>			
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11:50am-12:50pm Lunch Break (Alpine Room) Science Session #5 Chair: Dean Pesnell The many spectra of active regions: from flux concentration and emergence to active region formation and decay: Part II 12:50-1:08pm Robert Stein "Magnetic Flux Emergence Simulations and Pore Formulation" 1:08-1:26pm Ake Nordlund "Ab Initio Solar Active Region Simulations" 1:26-1:44pm Hannah Schunker "Understanding the Helioseismic Signature of Sunspots" 1:44-2:02pm Mark Cheung "Data-Driven Modeling of AR 11158" 1:44-2:02pm Rebecca Centeno the Data Available for Science Analysis" 2:20-2:20pm Rebecca Centeno the Data Available for Science Analysis" 2:20-2:40pm Discussion Poster Session and Break 2:40-4:00pm Poster Session #4: "The many spectra of SDO Education and Public Outreach" Poster Session #5: "The many spectra of the thermal structure and heating of the corona" 2:40-4:00pm Poster Session #6: "The many spectra of the thermal structure and heating of the corona" Science Session #6 Chair: Phil Chamberlin The many spectra of the thermal structure and heating of the corona "Patterns of Nanoflare Heating Exhibited by Active Regions Observed with SDO/AIA" 4:18-4:36pm Nicholeen Viall	11:30-11:48am	Lucas Tarr	Region NOAA AR11112"
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6:30-8:30pm *Mini-Workshop: Advanced Image Processing and Feature Recognition Chairs: Jack Ireland and Piet Martens*

This mini-workshop will focus on recent advances and new challenges in image processing, image enhancement, feature tracking and feature recognition. The discussion will include the "Computer Vision" automated feature recognition system developed for SDO and the SIPWork Solar Image Processing initiative.

Wednesday May 4, 2011		
7:30-8:30am	Breakfast (Alpine Room	
Science of SDO In	vited Talk #4	Chair: Erank Enanvior
		"Confessions of a Middle Child: Solar Physics the Solar EUV Irradiance and
8:30-9:00am	Harry Warren	the Earth's Upper Atmosphere"
Connections to SI	O Invited Talk #4	Chair: Frank Energian
		"The Altitude Dependence of the Earth's longsphere on the Solar Extreme
9.00-9.30am	Jan Soika	Ultraviolet Spectrum"
9:30-10:00am	Morning Break	
Science Session #	‡7	Chair: Karel Schrijver
The many spectra of	of eruptive events: from bui	Idup to initiation through evolution and decay: Part I
10:00-10:18am	Alan Title	"Local and Global Field Effects"
10:18-10:36am	Zoran Mikic	"MHD Modeling of the Sympathetic Eruptions Observed on August 1, 2010"
10:36-10:54am	Rachel Hock	"Solar Flare Classification Using SDO and the Impact on the EUV Irradiance"
		"Joint AIA-SWAP Observations of Reconnection-Related Processes During
10:54-11:12am	Daniel Seaton	Coronal Eruptions"
		"Evolution of Magnetic Field in the Flaring Active Region 11158 Observed by
11:12-11:30am	Xudong Sun	SDO/HMI" "ELIV and LIVE One day and large of a CC Elarge"
11:30-11:48am	Jeffrey Brosius	EUV and HXR Spectra and images of a C6 Flare
11:50am-12:50pm	Lunch Break (Alpine Ro	om)
Science Session #	#8	Chair: Dana Longcope
The many spectra of	of eruptive events: from bui	Idup to initiation through evolution and decay: Part II
		"Direct Imaging by SDO/AIA of Quasi-periodic Fast Mode Magnetosonic
12:50-1:08pm	Wei Liu	Waves Propagating at ~2000 km/s in the Solar Corona"
		"Observation of Reconnection Inflow/Outflow and Waves Associated with the
1:08-1:26pm	Ayumi Asai	2010 August 18 Flare"
		"The 2011/02/15 X2 Flare, Ribbons, Coronal Wave, and Mass Ejection:
1 00 1 11		Interpreting the 3-D Views from SDO and STEREO Guided by MHD Flux-Rope
1:26-1:44pm	Carolus Schrijver	Modeling
1.44-2.02pm	Suli Ma	the FUV by the SDO/AIA"
2:02-2:20pm	Nariaki Nitta	"Study of FIT Wayes as Observed by SDO AIA and STEREO FUVI"
2:20-2:38pm	David Long	"Wavefront Expansion and Dispersion of Coronal Bright Fronts"
Poster Seccion	nd Brook	Chairy Jim Klimabuk
Poster Session a		
	Poster Session #7: "The	many spectra of eruptive events: from buildup to initiation through evolution and
2:40-4:00pm	decay"	
	Destar Ossaise #0. "The	
2:40 4:00pm	Poster Session #8. The	many spectra of prominences and prominence cavilies: evidence for magnetic
2.40-4.00pm	lenergy storage and relea	
2:40-4:00pm	Poster Session #9: "The	many spectra of data: algorithms, products, pipeline, and access"
Science Session #	ŧ9	Chair: Sarah Gibson
The many spectra of prominences and prominence cavities: evidence for magnetic energy storage and release		
4:00-4:18pm	Olga Panasenco	"The Hitchhiker's Guide to Filament Chirality"
4:18-4:36pm	Marco Velli	"On the Fine Structure of Prominences"
4:36-4:52pm	Thomas Berger	"Magneto-Thermal Convection in Quiescent Prominences"
	NA 1 -	"SDO/AIA Observations of Coronal Condensation Leading to Prominence
4:52-5:10pm	IVVei Liu	Formation"
10-5:28pm	IKUI LIU	Coronal HXR Sigmold in the Eruption of a Double-Decker Filament"
6.00-10.00pm	Meeting Banquet at the	Squaw Valley Olympic High Camp
10.00 10.00pm		equal taney erjinple ingli earlip

Thursday, May	Thursday, May 5 2011			
8:00-9:00am	Breakfast (Alpine Room)			
Science of SDO Inv	vited Talk #5	Chair: Jim Klimchuk		
		"Developments in our Understanding of Energy Release and Transport in Solar		
9:00-9:30am	Gordon Emslie	Flares"		
9:30-10:00am	Morning Break			
Science Session #10		Chair: Frank Eparvier		
The many spectra o	f data: algorithms, products	, pipeline, and access		
10:00-10:18am	Paolo Grigis	"The SDO Flare Detective"		
10:18-10:36am	Eric Buchlin	"Automated Detection of Filaments from SDO Data"		
10:36-10:54am	Derek Lamb	"Making Sense of the Soup: SWAMIS Magnetic Feature Tracking for SDO"		
10:54-11:12am	Aimee Norton	"Magnetogram Time Series Observed with HMI"		
		"Reconstruction of the Solar Spectral Irradiance Evolution: New Insights from		
11:12-11:30am	Luis Vieira	SDO/HMI Observations"		
11:30-11:48am	Juan Fontenla	"Modeling EUV Solar Irradiance"		
11:48-12:00pm	Concluding Remarks			
12:00pm	Adjourn			

Thursday, May 5	Mini-Workshop: AIA/EVE Thermal Response and Photometrics		
1:15-3:15pm	Chairs: Paul Boerner and Rachel Hock		
Discussion and asse other investigations.	Discussion and assessment of SDO science data calibration, instrument performance, analysis, and cross-calibration with other investigations.		
Thursday May 5	Mini-Workshop: Vector Magnetography		
1:15-3:15pm	Chair: Dean Pesnell		
This workshop is intended to provide updates on several topics regarding the HMI vector magnetography. Speakers will address the current status of the vector magnetic field data products; provide a review of the inversion algorithm and its implementation in the pipeline; and lead the group through how the projection and coordinate systems are defined and implemented.			
Thursday, May 5	SDO E/PO Team Meeting		
1:15-3:15pm	Chair: Emilie Drobnes-Etesi		
This is a meeting for the SDO Education and Public Outreach team members to strategize about the current and future			

This is a meeting for the SDO Education and Public Outreach team members to strategize about the current and future direction of the SDO E/PO program. Items discussed will include but not be limited to the SDO ZOO citizen science and education project, coordinated reporting, YPOP update efforts, and SDO website efforts.

Mini-Workshop: Local Helioseismology Working Group		
Chair: Rudi Komm		
A discussion of helioseismic techniques used with SDO data. Topics include: analysis pipelines, comparing results from		
different techniques, systematics, tests with artificial data.		
Mini-Workshop: Data Access and Analysis Tools		
Chairs: Rock Bush and Neal Hurlburt		

A discussion of data access, software development, and online resources supporting SDO science. Topics include databases, virtual observatories, analysis software and data browsing tools.

Friday May 6, 2011		
Friday, May 6	Science Working Group Meeting	
9:00am-12:00pm	Chair: Dean Pesnell	

Monday May 2, 2011 Poster Sessions		
Poster Session #	<i>‡</i> 1	Chair: Jesper Schou
The many spectra	a of coronal temperature disti	ributions
Poster #1	Richard Frazin	"First Results from Differential Emission Measure Tomography with AIA"
Poster Session #	#2	Chair: Jesper Schou
The many spectra	a of Great Heliophysics Obse	rvatory
Poster #2	Marco Vello	"Solar Dynamics Observatory and Solar Probe Plus"
Poster #3	Mona Mays	"Properties of Geo-effective Stream Interactions and CMEs During the Recent Solar Minimum"
Poster #4	David Webb	"Studying the Characteristics of CMEs Using Combined Imaging and In-situ Data from STEREO, SOHO and other L1 spacecraft, SMEI and SDO"
Poster #5	Joachim Staiger	"SDO-based Targeting Tools for the New Multiline Spectrometer at the Vacuum Tower Telescope (VTT), Tenerife."
D 1 //0		"JHelioviewer - Open-Source Software for Discovery and Image Access in the
Poster #6		Petabyte Age"
Poster #7	Andrew Jones	Developing near real-time space weather products with SDU EVE data
Poster #8	Kaori Nagashima	Datasets"
Poster #9	Takashi Sekii	"Helioseismic/Magnetic Measurements of the Sun from a Highly Inclined Solar Orbit"
Poster #10	Tim Larson	"Extending the Medium-I Program to HMI"
		"Comparison of Vector Magnetograms from the Solenoidal and Irrotational
Poster #11	Paul Bryans	Components of the Magnetic Field"
Poster #12	L. Gyori	"Study of Differences Between Sunspot and White Light Facular Area Data Determined from SDO and SOHO Observations"
Poster #13	K.D. Leka	"A Comparison of SDO/HMI and Hinode/SP SpectroPolarimetry and Vector Magnetic Field Data (or) It is what it is, isn't it?"
Poster #14	Heon-Young Chang	"Dependence of GCR Influx Rate on the Solar North-South Asymmetry"
Poster #15	Heon-Young Chang	"Distribution of Area-Weighted Latitude of the Sunspots"
Poster #16	Vasvl Yurchyshyn	"Signatures of Small-Scale Magnetic Field Emergence as Seen From the New Solar Telescope in Big Bear"
Poster #17	l eon Golub	"The Arka Mission"
Poster #18	Shea Hess Webber	"Solar Polar Coronal Hole Areas Through the Past Solar Minimum"
Poster #19	Suiin Kim	"Hot Flare Plasma observed by Nobeyama Radioheliograph, RHESSI, and
Poster #20	Veronika Reznikova	"3-min Oscillations Over Sunspot: SDO and NoRH Data Analysis"
Poster #21	Alan Wray	"Radiative 3D MHD Code for Realistic Simulations of Turbulent Dynamics of the Solar Convection Zone and Atmosphere"
Poster #22		"Chromospheric Evaporation Seen at HXR"
Poster #23	Rachel Howe	"I ow-degree helioseismology from the Solar Dynamics Observatory"
Poster #24	Rachel Howe	"HMI Local Frequency Shifts from Ring Diagram Analysis"
Poster Session t	42	Chairy Josper Schou
	F3	
differential rotation	a of magneto-convection: obs n	served and modeled flows from granulation to meridional circulation and
Poster #25	Rachel Howe	"Large-Scale Zonal Flows During the Solar Minimum and the Rise of Cvcle 24"
Poster #26	David Hathaway	"Nearly Steady Flows from HMI"
Poster #27	Valentvna Abramenko	"Super-Diffusivity in the Quiet Sun Photosphere as Derived from SDO/HMI and NST observations"
Poster #28	Thomas Duvall Jr.	"Time-Distance Analysis of Deep Solar Convection"
Poster #29	Valery Pinin	"Characteristics of Solar Magnetic Cycles Predicted by a Surface-Shear
		"Effect of Strong Meridional Flows at the Bottom of the Convection Zone on the
Poster #30	Valery Pipin	Solar Dynamo"
Poster #31	Elena Benevolenskaya	"Latitudinal Dependence of the Dynamics of the Small Magnetic Elements in the Quiet Sun from SDO/HMI"
	Irene Gonzalez	
Poster #32	Hernandez	"Meridional Circulation at High Latitudes"

		"Time-Series Analysis of Supergranulation Characteristics Using SDO/HMI
Poster #33	Peter Williams	Dopplergrams."
Poster #34	Thomas Hartlep	"Meridional Flow Measurements using Artificial Data from 3D Numerical Simulations of Wave Propagations in the Whole Sun"

Poster Session #4 Chair: Sarah Gibson The many spectra of active regions: from flux concentration and emergence to active region formation and decay Tom Yan Doorsseleare Torn traverse Coronal Loop Oscillations: Poster #35 Tom Van Doorsseleare Transverse Coronal Loop Oscillations: Poster #36 Nagi Mansour "Simulations of the Interior and Atmosphere of the Sun" Poster #37 John Culhane Outflows and Solar Wind Structure" Poster #38 Konstantin Parchevsky Data Using Readiation Transfer Simulations" Poster #38 Konstantin Parchevsky Data Using Readiation Transfer Simulations" Poster #39 Hui Tian and Cororal Holes with SOUAIA" Poster #41 Keiji Hayashi "Transformation of High-speed Outflow on Plume-like Structures of the Quiet Sun and Cororal Holes with SOUAIA" Poster #41 Keiji Hayashi "Transformation of High-speed Outflow on Plume-like Structures of the Magnetic Transformational Magnetohydrodynamic Data-driven Active Region Evolution Multi-Fractal Spectra of Solar Acoustic Waves Scattered by Sunspots with HMI Poster #42 Poster #41 Keiji Hayashi "Testing and Correcting for "Surface Seismic Signals" in Sunspot Regions "Three-dimensional Magnetohydrodynamic Data-driven Active Region Evolution Model" Poster #43 Dean-Yi Chou	Tuesday May 3, 2011 Poster Sessions		
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"On the Role of Coronal Jets as a Driver of Plumes"

"Investigating Coronal Heating with Hinode and SDO"

Atmosphere"

"On the Structure of Bright Points Sources of Coronal jets" "Testing Coronal Plasma Diagnostics Using 3D MHD Models of the Solar

Poster #62

Poster #63

Poster #64

Poster #65

Nour-Eddine Raouafi

Nour-Eddine Raouafi

Paola Testa

Harry Warren

Poster #66	Vasyl Yurchyshyn	"On the Origin of Intergranular Jets"
Poster #67	Sami Solanki	"Solar Irradiance Reconstructions Using HMI Data"
Poster #68	Kiran Jain	"Solar Atmospheric Seismology with HMI and AIA onboard SDO"
Poster #69	Jiong Qiu	"Heating of Flare Loops During a Two-ribbon Flare on 2005 May 13"
Poster Session #6		Chair: Sarah Gibson
The many spectra o	f SDO education and public	c outreach
Poster #70	Romeo Durscher	"NASA Little SDO Social Media - An Engaging and Interactive Experience"
Poster #71	Emilie Drobnes-Etesi	"NASA Family Science Night: Changing Perceptions one Family at a Time"
Poster #72	Adam Kobelski	"The Space Public Outreach Team at Montana State University"
Poster #73	Emily Morton	"SDO/EVE Learning Suite for Educators"
Poster #74	Deborah Scherrer	"Using SDO Data in the Classroom"
		"Think Scientifically: The Solar Dynamics Observatory's Elementary Science
Poster #75	Aleya Van Doren	Literacy Program"
Poster #76	Martha Wawro	"SDO citizen scientists; The Camilla Space Weather Project"
Poster #77	Martha Wawro	"Exploration Station and AstroZone; Where the public meets science"

Wednesday May 4, 2011 Poster Sessions				
Poster	Session #7		Chair: Jim Klimchuk	
The ma	any spectra o	f eruptive events: from buil	dup to initiation through evolution and decay	
Poster	#78	Chang Liu	"A Standard-to-Blowout Jet Observed by SDO"	
		Ŭ	"The Role of the Photospheric Field in the Formation of Chromospheric	
Poster	#79	Ted Tarbell	Spicules"	
			"Connection Between Up-Flow and Down-Flow Chromospheric Events,	
Poster	#80	Aleksandra Andic	Emitted Oscillations and Photospheric Dynamics"	
			"Ubiguitous Rotating Network Magnetic Fields and EUV Cyclones in the Quiet	
Poster	#81	Jun Zhang	Sun"	
		<u> </u>	Observing Flux Rope Formation During the Impulsive Phase of a Solar	
Poster	#82	Xin Cheng	Eruption"	
			"Plasma Heating During Coronal Mass Ejections Observed by SOHO and	
Poster	#83	Nicholas Murphy	SDO"	
			"The Global Character of the 2010.08.01 Earth-Directed Coronal Mass Ejection	
Poster	#84	Xuepu Zhao	and the Cause of the Associated Great Sympathetic Solar Storm"	
		•	"Interplay of Magnetic Field Connection and Large-Scale Coronal Disturbances	
Poster	#85	Nariaki Nitta	on the Time Variations of Gradual SEP Events"	
Poster	#86	Gregory Slater	"A Study of Flare Kernels Using SDO Imagery"	
Poster	#87	Priya Desai	"HMI Signatures of White Light Flares"	
Poster	#88	Alexander Kosovichev	"The Many Spectra of Sunquakes"	
Poster	#89	Sergei Zharkov	"Egression Analysis of the February 15 SDO Sun-Quake"	
		<u> </u>	"Helioseismic Analysis of Flaring Regions Using Multi-Spectral Data from the	
Poster	#90	Kiran Jain	SDO"	
			"Spectral Irradiance Oscillations Detected by the EVE/ESP and EVE/MEGS	
Poster	#91	Leonid Didkovsky	Channels during the X2.2 Solar Flare of February 15, 2011"	
Poster	#92	Hugh Hudson	"Doppler Signatures in EVE Spectra, and Flares"	
Poster	#93	Francis Eparvier	"SDO-EVE Observations of EUV Dimming During Solar Flares"	
Poster	#94	Eva Robbrecht	"The Temperature-Dependent Nature of Coronal Dimmings"	
Poster	#95	Yang Liu	"Studying Solar Active Regions with HMI Data"	
Poster	#96	Alexander Engell	"Polarity Inversion Line Properties"	
			"SDO/AIA Observations and Models of Kelvin-Helmholtz Instability in the Solar	
Poster	#97	Leon Ofman	Corona"	
Poster	#98	Shuhong Yang	"SDO Observations of Magnetic Reconnection at Coronal Hole Boundaries"	
			"Observations and Magnetic Field Modeling of the Flare/CME Event on 2010	
Poster	#99	Yingna Su	April 8"	
Poster Session #8			Chair: Jim Klimchuk	
The ma	any spectra o	f prominences and promine	ence cavities: evidence for magnetic energy storage and release	
			"Structure and Dynamics of the Quiescent Prominence Eruption on 2010	
Poster	#100	Yingna Su	December 6"	
Poster	#101	Sarah Gibson	"Coronal Prominence Cavities: Magnetism and Dynamics"	
Poster	#102	Donald Schmit	"Diagnosing the Prominence-Cavity Connection"	
Poster	#103	Sara Martin	"Stages in the Long-term Buildup to Eruptive Events"	

		"Can we Determine Electric Fields and Povnting Fluxes from Vector
Poster #104	George Fisher	Magnetograms and Doppler Measurements?"
		"Calculating Flaring Potential in Solar Active Regions Using SDO/HMI Vector
Poster #105	Monica Bobra	Magnetic Field Data"
		"Computing Magnetic Energy from AIA Images and HMI Line-of-Sight
Poster #106	Dana Longcope	Magnetograms"
Poster #107	Deborah Haber	"Subsurface Flows Near a New Solar Cycle Filament"
Poster #108	Olga Panasenco	"Magnetic Structure of Twin Filaments Inside Pseudostreamers"
Poster #109	Jean-Claude Vial	"The Eruptive Prominence from 30 March 2010 as Observed with SDO/AIA"
		"SDO/AIA Observations of Flare Induced Oscillations of a Quiescent
Poster #110	Sanjay Gosain	Prominence"
		"A Large Polar-Crown Filament Eruption Observed by SDO/AIA and STEREO-
Poster #111	Stephane Regnier	
Poster Session	#9	Chair: Jim Klimchuk
The many spect	ra of data: algorithms, produc	ts, pipeline, and access
Poster #112	Stephane Regnier	"The UCLan SDO Data Hub"
Poster #113	Alisdair Davey	"An Update on the SDO Feature Finding Team Efforts"
Poster #114	Alisdair Davey	"SDO Data Distribution and Access"
		"The Helioviewer Project or How to Let Everyone Easily Browse Petabytes of
Poster #115	Jack Ireland	Solar and Heliospheric Data"
Poster #116	Neal Hurlburt	"The HEK in Action"
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Poster #118	Paolo Grigis	"Measurement of AIA Point-Spread Function"
Poster #119	Henry Winter	"AIA Plate Scale Analysis"
Poster #120	Paul Boerner	"Update on the AIA Wavelength and Temperature Response Functions"
Poster #121	Paul Shearer	"Correcting Stray Light in EUV Images"
Poster #122	James Mason	"Using AIA to Continue Solar Irradiance Forecasting"
Poster #123	John Beck	"Flat Fields of HMI images"
Poster #124	Sebastien Couvidat	"HMI Wavelength Dependence From On-Orbit Calibration"
Poster #125	Bernhard Fleck	"On the formation height of the SDO/HMI Fe 6173Å Doppler signal"
Poster #126	J. Todd Hoeksema	"HMI Magnetic Field Data Products"
Poster #127	Graham Barnes	"An Overview of the Disambiguation Module for the HMI Pipeline"
Poster #128	Peter Schuck	"Tracking Vector Magnetograms from the Solar Dynamics Observatory"
Poster #129	Michael Turmon	"Tracked Patches of Solar Activity for HMI"
		"A Multi-Wavelength Analysis of Active Regions and Sunspots by Comparison
Poster #130	Cis Verbeeck	of Automatic Detection Algorithms"
Poster #131	Richard Bogart	"The Many Spectra of the HMI Ring-Diagram Pipelines"
		"The Many Spectra of Local Helioseismology: Comparing Flows Inferred from
Poster #132	Richard Bogart	Ring-diagram and Time-distance Analysis"
Poster #133	Sudeepto Chakraborty	"On Measuring Deep Meridional Flows with Ring-Diagrams"
	Irene Gonzalez	
Poster #134	Hernandez	"Far-Side Seismic Imaging with HMI"
Poster #135	Aaron Birch	"Adjoint Methods for Local Helioseismology"
Poster #136	Bruce Lites	"AZAM Disambiguity Utility for SDO/HMI"