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 Invited Talk #1		***Chair: Barbara Thompson***
8:30-9:00am	Lika Guhathakurta	*"A Living With a Star Is Born"*
Connections to SDO 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 of magneto-convection: observed and modeled flows from granulation to meridional circulation and differential rotation		
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 Room)***	
Science Session #2		***Chair: Harry Warren***
The many spectra of coronal temperature distributions		
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 Aschwanden	*"Automated Temperature and Emission Measure Analysis of Coronal Loops and Active Regions Observed with AIA/SDO"*
1:44-2:02pm	Caroline Alexander	*"DEM Analysis Using a Multi-Stranded Loop and SDO/AIA"*
2:02-2:20pm	Claire Raftery	*"Analyzing AIA Dispersion Effects in Conjunction With RHESSI and EVE 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***
3:00-4:00pm	*Poster Session #1: "The many spectra of magneto-convection: observed and modeled flows from granulation to meridional circulation and differential rotation"*	
3:00-4:00pm	*Poster Session #2: "The many spectra of coronal temperature distributions"*	
3:00-4:00pm	*Poster Session #3: "The many spectra of the Great Heliophysics Observatory"*	
Science Session #3		***Chair: Dean Pesnell***
The many spectra of the Great Heliophysics Observatory 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 Night" in Sandy's Pub***

Tuesday May 3, 2011		
7:30-8:30am	***Breakfast (Alpine Room)***	
Science of SDO Invited Talk #3		***Chair: Aaron Birch***
8:30-9:00am	William Abbett	*"Modeling the Physical Connection Between the Solar Convection Zone and Corona"*
Connections to SDO Invited Talk #2		***Chair: Aaron Birch***
9:00-9:30am	Janet Kozyra	*"Solar and Solar Wind Features that Influence Geoeffectiveness at Earth"*
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		
10:00-10:18am	Stephane Regnier	*"Flux Emergence of the Active Region: the First 8 Hours"*
10:18-10:36am	Lokesh Bharti	*"Twisting Motions in Sunspot Penumbrae: Evidence for Overturning Convection from the Comparison of Observations with Simulations"*
10:36-10:54am	Eva Robbrecht	*"The Evolution of Dark Canopies Around Active Regions"*
10:54-11:12am	Anna Malanushenko	*"Models of the Coronal Magnetic Field Using Input From EUV Images"*
11:12-11:30am	Ed DeLuca	*"NLFFF Models of Active Regions"*
11:30-11:48am	Lucas Tarr	*"Calculating Energy Storage due to Topological Changes in Emerging Active Region NOAA AR11112"*
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	Åke 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"*
2:02-2:20pm	Rebecca Centeno	*"HMI Vector Field Results - and Why a Year Down the Line We Have Not Made the Data Available for Science Analysis"*
2:20-2:40pm	Discussion	
Poster Session and Break		***Chair: Sarah Gibson***
2:40-4:00pm	*Poster Session #4: "The many spectra of SDO Education and Public Outreach"*	
2:40-4:00pm	*Poster Session #5: "The many spectra of active regions: from flux concentration and emergence to active region formation and decay"*	
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		
4:00-4:18pm	Henry "Trae" Winter	*"Adding the Flare to Nano-Flare Loop Heating Models"*
4:18-4:36pm	Nicholeen Viall	*"Patterns of Nanoflare Heating Exhibited by Active Regions Observed with SDO/AIA"*
4:36-4:54pm	James Klimchuk	*"The Impact of Nonequilibrium Ionization on SDO/AIA and Hinode/EIS Observations of Impulsively Heated Plasmas"*
4:54-5:12pm	Bart De Pontieu	*"The Role of the Chromosphere in Filling the Corona with Hot Plasma"*
5:12-5:30pm	Scott McIntosh	*"Direct Measurement of Strong Alfvénic Motions Throughout the Hot Outer Solar Atmosphere"*
Connections to SDO Invited Talk #3		***Chair: Phil Chamberlin***
5:30-6:00pm	Jon Linker	*"How Does the Corona Turn into the Heliosphere?"*

	Mini-Workshop: Advanced Image Processing and Feature Recognition
6:30-8:30pm	*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 Invited Talk #4		***Chair: Frank Eparvier***
8:30-9:00am	Harry Warren	*"Confessions of a Middle Child: Solar Physics, the Solar EUV Irradiance, and the Earth's Upper Atmosphere"*
Connections to SDO Invited Talk #4		***Chair: Frank Eparvier***
9:00-9:30am	Jan Sojka	*"The Altitude Dependence of the Earth's Ionosphere on the Solar Extreme Ultraviolet Spectrum"*
9:30-10:00am	***Morning Break***	
Science Session #7		***Chair: Karel Schrijver***
The many spectra of eruptive events: from buildup 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"*
10:54-11:12am	Daniel Seaton	*"Joint AIA-SWAP Observations of Reconnection-Related Processes During Coronal Eruptions"*
11:12-11:30am	Xudong Sun	*"Evolution of Magnetic Field in the Flaring Active Region 11158 Observed by SDO/HMI"*
11:30-11:48am	Jeffrey Brosius	*"EUV and HXR Spectra and Images of a C6 Flare"*
11:50am-12:50pm	***Lunch Break (Alpine Room)***	
Science Session #8		***Chair: Dana Longcope***
The many spectra of eruptive events: from buildup to initiation through evolution and decay: Part II		
12:50-1:08pm	Wei Liu	*"Direct Imaging by SDO/AIA of Quasi-periodic Fast Mode Magnetosonic Waves Propagating at ~2000 km/s in the Solar Corona"*
1:08-1:26pm	Ayumi Asai	*"Observation of Reconnection Inflow/Outflow and Waves Associated with the 2010 August 18 Flare"*
1:26-1:44pm	Carolus Schrijver	*"The 2011/02/15 X2 Flare, Ribbons, Coronal Wave, and Mass Ejection: Interpreting the 3-D Views from SDO and STEREO Guided by MHD Flux-Rope Modeling"*
1:44-2:02pm	Suli Ma	*"Observations and Interpretation of a Low Coronal Shock Wave Observed in the EUV by the SDO/AIA"*
2:02-2:20pm	Nariaki Nitta	*"Study of EIT Waves as Observed by SDO AIA and STEREO EUVI"*
2:20-2:38pm	David Long	*"Wavefront Expansion and Dispersion of Coronal Bright Fronts"*
Poster Session and Break		***Chair: Jim Klimchuk***
2:40-4:00pm	*Poster Session #7: "The many spectra of eruptive events: from buildup to initiation through evolution and decay"*	
2:40-4:00pm	*Poster Session #8: "The many spectra of prominences and prominence cavities: evidence for magnetic energy storage and release"*	
2:40-4:00pm	*Poster Session #9: "The many spectra of data: algorithms, products, pipeline, and access"*	
Science Session #9		***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"*
4:52-5:10pm	Wei Liu	*"SDO/AIA Observations of Coronal Condensation Leading to Prominence Formation"*
5:10-5:28pm	Rui Liu	*"Coronal HXR Sigmoid in the Eruption of a Double-Decker Filament"*

6:00-10:00pm	***Meeting Banquet at the Squaw Valley Olympic High Camp***

Thursday, May 5 2011		
8:00-9:00am	***Breakfast (Alpine Room)***	
Science of SDO Invited Talk #5		***Chair: Jim Klimchuk***
9:00-9:30am	Gordon Emslie	*"Developments in our Understanding of Energy Release and Transport in Solar Flares"*
9:30-10:00am	***Morning Break***	
Science Session #10		***Chair: Frank Eparvier***
The many spectra of 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"*
11:12-11:30am	Luis Vieira	*"Reconstruction of the Solar Spectral Irradiance Evolution: New Insights from 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 1:15-3:15pm	***Mini-Workshop: AIA/EVE Thermal Response and Photometrics*** *Chairs: Paul Boerner and Rachel Hock*
Discussion and assessment of SDO science data calibration, instrument performance, analysis, and cross-calibration with other investigations.	
Thursday, May 5 1:15-3:15pm	***Mini-Workshop: Vector Magnetography*** *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 1:15-3:15pm	***SDO E/PO Team Meeting*** *Chair: Emilie Drobnes-Etesi*
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.	

Thursday, May 5 3:40-5:40pm	***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.	
Thursday, May 5 3:40-5:40pm	***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 9:00am-12:00pm	***Science Working Group Meeting*** *Chair: Dean Pesnell*

Monday May 2, 2011	**Poster Sessions**	
Poster Session #1		***Chair: Jesper Schou***
The many spectra of coronal temperature distributions		
Poster #1	Richard Frazin	*"First Results from Differential Emission Measure Tomography with AIA"*
Poster Session #2		***Chair: Jesper Schou***
The many spectra of Great Heliophysics Observatory		
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."*
Poster #6	Daniel Mueller	*"JHelioviewer - Open-Source Software for Discovery and Image Access in the Petabyte Age"*
Poster #7	Andrew Jones	*"Developing near real-time space weather products with SDO EVE data"*
Poster #8	Kaori Nagashima	*"Comparison of Properties of SDO/HMI and Hinode/SOT Helioseismology Datasets"*
Poster #9	Takashi Sekii	*"Helioseismic/Magnetic Measurements of the Sun from a Highly Inclined Solar Orbit"*
Poster #10	Tim Larson	*"Extending the Medium-l Program to HMI"*
Poster #11	Paul Bryans	*"Comparison of Vector Magnetograms from the Solenoidal and Irrotational 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	Vasyl Yurchyshyn	*"Signatures of Small-Scale Magnetic Field Emergence as Seen From the New Solar Telescope in Big Bear"*
Poster #17	Leon Golub	*"The Arka Mission"*
Poster #18	Shea Hess Webber	*"Solar Polar Coronal Hole Areas Through the Past Solar Minimum"*
Poster #19	Sujin Kim	*"Hot Flare Plasma observed by Nobeyama Radioheliograph, RHESSI, and AIA/SDO"*
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	Ning Zongjun	*"Chromospheric Evaporation Seen at HXR"*
Poster #23	Rachel Howe	*"Low-degree helioseismology from the Solar Dynamics Observatory"*
Poster #24	Rachel Howe	*"HMI Local Frequency Shifts from Ring Diagram Analysis"*
Poster Session #3		***Chair: Jesper Schou***
The many spectra of magneto-convection: observed and modeled flows from granulation to meridional circulation and differential rotation		
Poster #25	Rachel Howe	*"Large-Scale Zonal Flows During the Solar Minimum and the Rise of Cycle 24"*
Poster #26	David Hathaway	*"Nearly Steady Flows from HMI"*
Poster #27	Valentyna 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 Pipin	*"Characteristics of Solar Magnetic Cycles Predicted by a Surface-Shear Dynamo Model"*
Poster #30	Valery Pipin	*"Effect of Strong Meridional Flows at the Bottom of the Convection Zone on the Solar Dynamo"*
Poster #31	Elena Benevolenskaya	*"Latitudinal Dependence of the Dynamics of the Small Magnetic Elements in the Quiet Sun from SDO/HMI"*
Poster #32	Irene Gonzalez Hernandez	*"Meridional Circulation at High Latitudes"*

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

Tuesday May 3, 2011	**Poster Sessions**	
Poster Session #4		***Chair: Sarah Gibson***
The many spectra of active regions: from flux concentration and emergence to active region formation and decay		
Poster #35	Tom Van Doorsselaere	*"Curvature-Induced Intensity Enhancements as Observed by SDO/AIA in Transverse Coronal Loop Oscillations"*
Poster #36	Nagi Mansour	*"Simulations of the Interior and Atmosphere of the Sun"*
Poster #37	John Culhane	*"Interacting Active Regions and Coronal Holes: Implications for Coronal Outflows and Solar Wind Structure"*
Poster #38	Konstantin Parchevsky	*"Transformation of MHD Waves in Sunspots and Modeling of the HMI Level 1 Data Using Radiation Transfer Simulations"*
Poster #39	Hui Tian	*"Observation of High-speed Outflow on Plume-like Structures of the Quiet Sun and Coronal Holes with SDO/AIA"*
Poster #40	Valentyna Abramenko	*"Multi-Fractal Spectra of Solar Magnetic Fields: New Progress with HMI"*
Poster #41	Keiji Hayashi	*"MHD Simulation of the Solar Corona in Early August Using the HMI Magnetic Field Data"*
Poster #42	Aihua Wang	*"Analyses of Active Region 11117 based on SDO/HMI Observations using a Three-dimensional Magnetohydrodynamic Data-driven Active Region Evolution Model"*
Poster #43	Dean-Yi Chou	*"Measurements of Solar Acoustic Waves Scattered by Sunspots with HMI Data"*
Poster #44	S. Paul Rajaguru	*"Testing and Correcting for 'Surface Seismic Signals' in Sunspot Regions Using HMI/SDO Filtergrams"*
Poster #45	Brittany McCrigler	*"Exploring Dominant Patterns of Curvature of Super Penumbral Fibrils"*
Poster #46	Junwei Zhao	*"Analysis of K-Omega and Time-Distance Diagrams of A Sunspot"*
Poster #47	Aaron Birch	*"Testing Local Helioseismology Using Synthetic Data"*
Poster #48	Sebastien Couvidat	*"Could Torsional Oscillations Excite Rossby Waves in the Photosphere Over a Sunspot? A (Simplistic?) Toy Model"*
Poster #49	M. Cristina Rabello-Soares	*"Anisotropy of Wave Parameters Near Active Regions"*
Poster #50	Sushanta Tripathy	*"Local Helioseismology of Sunspot Regions: Comparison Between NOAA Active Regions 11092 and 11093"*
Poster #51	Henrik Lundstedt	*"Solar Magnetic Field Structures"*
Poster #52	David McKenzie	*"Preliminary Exploration of the Magnetic Field Between Two Opposite-Hemisphere Active Regions"*
Poster #53	Brian Welsch	*"Using HMI to Understand the Physics of Flux Cancellation"*
Poster #54	Yusuke Iida	*"Frequency Distribution of Photospheric Cancellation Events in Quiet Sun"*
Poster #55	Leonid Didkovsky	*"First Detection of Global Five-Minute Solar Oscillations in the Lower Corona Associated with Acoustic p-Modes Using SDO/EVE/ESP"*
Poster #56	Irina Kitiashvili	*"Role of Vortex Tube Dynamics in the Formation of Magnetic Structures and Acoustic Wave Excitation on the Sun"*
Poster #57	Stathis Ilonidis	*"Subsurface Signatures of Emerging Active Regions"*
Poster #58	Kevin Reardon	*"Exploring Sunspot Atmospheric Oscillations with SDO and IBIS"*
Poster Session #5		***Chair: Sarah Gibson***
The many spectra of the thermal structure and heating of the corona		
Poster #59	Chloé Guennou	*"Solar Rotational Tomography with SDO/AIA data"*
Poster #60	John Leibacher (presented by Elie Soubrié)	*"AIA Observations of Sunspot Waves"*
Poster #61	James Lemen	*"Coronal Waves in AIA and SXI"*
Poster #62	Nour-Eddine Raouafi	*"On the Role of Coronal Jets as a Driver of Plumes"*
Poster #63	Nour-Eddine Raouafi	*"On the Structure of Bright Points Sources of Coronal jets"*
Poster #64	Paola Testa	*"Testing Coronal Plasma Diagnostics Using 3D MHD Models of the Solar Atmosphere"*
Poster #65	Harry Warren	*"Investigating Coronal Heating with Hinode and SDO"*

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 of SDO education and public 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"*
Poster #75	Aleya Van Doren	*"Think Scientifically: The Solar Dynamics Observatory's Elementary Science 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 many spectra of eruptive events: from buildup to initiation through evolution and decay		
Poster #78	Chang Liu	*"A Standard-to-Blowout Jet Observed by SDO"*
Poster #79	Ted Tarbell	*"The Role of the Photospheric Field in the Formation of Chromospheric Spicules"*
Poster #80	Aleksandra Andic	*"Connection Between Up-Flow and Down-Flow Chromospheric Events, Emitted Oscillations and Photospheric Dynamics"*
Poster #81	Jun Zhang	*"Ubiquitous Rotating Network Magnetic Fields and EUV Cyclones in the Quiet Sun"*
Poster #82	Xin Cheng	*Observing Flux Rope Formation During the Impulsive Phase of a Solar Eruption"*
Poster #83	Nicholas Murphy	*"Plasma Heating During Coronal Mass Ejections Observed by SOHO and SDO"*
Poster #84	Xuepu Zhao	*"The Global Character of the 2010.08.01 Earth-Directed Coronal Mass Ejection and the Cause of the Associated Great Sympathetic Solar Storm"*
Poster #85	Nariaki Nitta	*"Interplay of Magnetic Field Connection and Large-Scale Coronal Disturbances 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"*
Poster #90	Kiran Jain	*"Helioseismic Analysis of Flaring Regions Using Multi-Spectral Data from the SDO"*
Poster #91	Leonid Didkovsky	*"Spectral Irradiance Oscillations Detected by the EVE/ESP and EVE/MEGS 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"*
Poster #97	Leon Ofman	*"SDO/AIA Observations and Models of Kelvin-Helmholtz Instability in the Solar Corona"*
Poster #98	Shuhong Yang	*"SDO Observations of Magnetic Reconnection at Coronal Hole Boundaries"*
Poster #99	Yingna Su	*"Observations and Magnetic Field Modeling of the Flare/CME Event on 2010 April 8"*
Poster Session #8		***Chair: Jim Klimchuk***
The many spectra of prominences and prominence cavities: evidence for magnetic energy storage and release		
Poster #100	Yingna Su	*"Structure and Dynamics of the Quiescent Prominence Eruption on 2010 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"*

Poster #104	George Fisher	*"Can we Determine Electric Fields and Poynting Fluxes from Vector Magnetograms and Doppler Measurements?"*
Poster #105	Monica Bobra	*"Calculating Flaring Potential in Solar Active Regions Using SDO/HMI Vector Magnetic Field Data"*
Poster #106	Dana Longcope	*"Computing Magnetic Energy from AIA Images and HMI Line-of-Sight Magnetograms"*
Poster #107	Deborah Haber	*"Subsurface Flows Near a New Solar Cycle Filament"*
Poster #108	Olga Panasenco	*"Magnetic Structure of Twin Filaments Inside Pseudostreamers"*
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The many spectra of data: algorithms, products, pipeline, and access		
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