First Name	Last Name	Poster Title	Location
Sam	Batzli	Who Uses WisconsinView Data?	Row 1
Val	Bennington	Improving Lake Climate Sensitivity within a Regional	Row 1
		Climate Model: Impact on Simulated Climate of the Great	
		Lakes Basin	
Fred	Best	On-Orbit Absolute Radiance Standard for the Next	Row 1
		Generation of IR Remote Sensing Instruments	
Eva	Borbas	Ten years of the UW high spectral resolution global IR land	Row 1
-		surface emissivity (UWIREMIS) database	
Corey	Calvert	A Quantitative Fog/Low Stratus Detection Algorithm for GOES-R	Row 1
Bob	Carp	McIDAS-V: A Data Analysis and Visualization Tool for	Row 1
		Environmental Satellite and Geophysical Data	
Haidi	Chen	Observed dominance of submesoscale fronts to subtropical	Row 1
		chlorophyll	
Nicole	Colasacco-	Evaluation of Surface Heat Fluxes throughout El-Nino	Row 1
	Thumm	Southern Oscillation (ENSO) Evolution in Reanalysis Data	
		Sets	
Carol	Costanza	Antarctic Climatology using Automatic Weather Stations	Row 2
Geoff	Cureton	VIIRS Atmospheric Products in the Community Satellite	Row 2
		Processing Package (CSPP)	
Geoff	Cureton	Retrieval of Higher Order Ocean Spectral Information from	Row 2
		Sunglint	
Anne Sophie	Daloz	Cluster analysis of the future changes of the simulated	Row 2
rune copine	Baio2	North Atlantic TC activity.	1.011 2
Russell	Dengel	Access to real-time Geophysical products through a Web	Display
Rassen	Deliger	Map Service	Бізріцу
Ankur	Desai	The value of place-based and in-field education for climate	Row 2
, and	D CSG!	literacy in the Great Lakes: What role for climate and	1.011 2
		ecological researchers?	
Ross	Dixon	Dynamics on a Temperature Inverted Aquaplanet	Row 2
Richard	Dworak	The Validation of GOES-Li and AIRS Total Precipitable Water	
Richard	DWorak	Retrievals Using Ground Based Measurements	NOW 2
Michelle	Feltz	Validation of Temperature Profile Environmental Data	Row 2
riicriciic	I CICZ	Records (EDRs) from the Cross-­Track Infrared	IKOW Z
		Microwave Sounding Suite (CrIMSS) Using COSMIC Dry	
		Temperature Profiles	
Wayne	Feltz	Overview of UW-Madison SSEC/CIMSS Satellite Proving	Row 2
wayne	I CILZ	Ground Activities	KOW Z
Bruce	Flynn	Ingesting, Managing and Distributing Large Atmospheric	Row 3
Diuce		Data Sets	IKOW 5
Mike	Foster		Row 3
MIKE	i ostei	in Climate Applications	KOW 3
Patrick	Fry	Uranus High Signal-toNoise Ratio Near-IR Imaging: Recent	Row 3
TACTOR	' ' '	Results	1.000
Ray	Garcia	Exporting VIIRS and MODIS Products for Visualization using	Row 3
Nuy	Garcia	Polar2Grid	INOW J

First Name	Last Name	Poster Title	Location
Jonathan	Gero	The Heated Halo for Space-Based Blackbody Emissivity	Row 3
		Measurement	
Jordan	Gerth	Improving Cloud and Moisture Representation by	Row 3
		Assimilating GOES Sounder Products into Analyses for NWP	
Jordan	Gerth	The ingredients for sustaining success in NOAA R2O for GOES-R	Row 3
Britta	Gjermo	Celebrating 20 Years of the CIMSS Student Workshop	Row 3
Josh	Goetz	Ice Core Drilling 101	Display
Erik	Gould	Aerosol-cloud interaction effects on precipitation efficiency in the South Atlantic Ocean	Row 4
Tom	Greenwald	Near-Real-Time Proxy ABI Products for GOES-R User Readiness	Row 4
Denny	Hackel	AERI Profiling Using GFS First Guess	Row 4
Feng	Не	Nonlinear Climate Sensitivity Caused by Ocean Dynamics: Implications for the Early Anthropogenic Hypothesis	Row 4
Mike	Hiley	McIDAS-V as a tool for teaching the fundamentals of remote sensing theory	Row 4
Kathleen	Holman	Influence of the background state on Rossby wave propagation into the Great Lakes basin based on reanalysis data and model simulations	Row 4
Dong	Hua	Simulating the Impacts of Woody Biomass Harvesting on North Temperate Forest Carbon and Nitrogen Cycling and Storage	Row 4
Alexandra	Karambelas	Quantifying the Impact of Emission Sectors to U.S. Air Quality	Row 4
Megan	Kirchmeier	Statistical Downcaling of Daily Wind Speed Variations	Row 4
James	Kralj	Changes in Lake Michigan's ecology by quagga mussels	Row 5
Mark	Kulie	Using Ground-Based Cloud Radars for GPM Validation and Snowfall Algorithm Development Purposes	Row 5
Tristan	L'Ecuyer	Multi-sensor diagnostics of large-scale factors influencing the onset of precipitation in warm clouds	Row 5
Marty	Lawson	Interferometer Cavity Length Controller fo Seeded Q- Switched Laser	Row 5
Matthew	Lazzara	Arctic and Antarctic Satellite Composites: Construction and Applications	Row 5
Ke	Li	TRMM Passive Microwave Sensors Detecting Tropical Storms	Row 5
Ke	Li	Information Content in Reduced-Dimensional Retrievals of Precipitations from TMI	Row 5
Jun	Li	Application of JPSS Sounding and GOES-R Moisture Measurements for Tropical Cyclone Forecasts - A Near Realtime Assimilation System	Row 5
Vijay	Limaye	Climate Change and Heat Stress Mortality in the Eastern US	Row 5
William	Line	Future Improvements to Very-short-range Forecasts of the Pre-convective Environment Using Operational Geostationary Satellite Observations	Row 6
Yun	Liu	A Random Subgrouping Scheme for Ensemble Based Filters	Row 6

First Name	Last Name	Poster Title	Location
Jonathan	Martin	A New Spin on Vorticity Advection	Row 6
Alex	Matus	A Global Survey of Aerosol Direct Effects	Row 6
Nathaniel	Miller	What Triggered The Recent Melt Event at Summit,	Row 6
		Greenland? Insights from an Integrated Suite of Ground-	
		Based Observations	
Scott	Mindock	CSPP VIIRS SDR - Acquisition, Production, Verification and	Row 6
		Quality Control	
Margaret	Mooney	Engaging Storm Spotters and Community College Students	Row 6
_		in Regional Responses to Climate Change	
Nicolai	Mortensen	DISC Drill and Replicate Coring Systems Research &	Row 6
		Development	
Kyle	Nelson	Orographic Storms Laboratory, Spring 2013: Student	Row 6
•		Research and Education at 685 mb	
Scott	Nolin	The zara compute cluster	Row 7
Michael	Notaro	Influence of the Laurentian Great Lakes on Regional	Row 7
		Climate	
Jason	Otkin	Examining flash drought development using the	Row 7
		Evaporative Stress Index (ESI)	
Jason	Otkin	Assimilation of water vapor sensitive infrared brightness	Row 7
		temperatures during a cool season high impact weather	
		levent	
Claire	Pettersen	Performance Demonstration of Miniature Phase Transition	Row 7
		Cells in Microgravity as a Validation for their use in the	
		Absolute Calibration of Temperature Sensors On-Orbit	
Jean	Phillips	SSEC Research History	Display
Darren	Pilcher	Modeled Seasonality of the Biogeochemisty of Pre-	Row 7
		Dreissena Mussel Lake Michigan	
Pete	Pokrandt	Rooftop Camera highlights	Display
Greg	Quinn	Flexible Satellite Data Processing Via Flo	Row 7
John	Rausch	Inferring Cloud Adiabaticity Through a Spectrally Consistent	
		Method	
Ilya	Razenkov	Atmospheric temperature profile measurements using	Row 7
,		mobile High Spectral Resolution Lidar	
Marek	Rogal	Near-Real-Time validation of simulated GOES-R ABI	Row 8
		radiances and derived products, using the WRF-Chem	
		model forecast over CONUS for all 16 ABI bands.	
Shellie	Rowe	The Role of Inertial Instability in Stratosphere-Troposphere	Row 8
		Exchange in Midlatitude and Tropical Cyclones	
Patrick	Rowley	Communicating Satellite Data via NOAA's Science On a	Row 8
	,	Sphere: The EarthNow Project	
Karen	Russ	The Hydrological Cycle Response to Rapid vs. Slow Global	Row 8
rtai en		Warming	
Alexis	Santos	Impacts of Changing Circulation on North Atlantic	Row 8
AUCAIS		Productivity	
Tim	Schmit	GOES @ 60 West: A Wisconsin Perspective	Row 8
John	Sears	CIMSS Algorithm for Tropical Cluster Tracking (CATCT)	Row 8
J J 1 11 1		The state of the	

First Name	Last Name	Poster Title	Location
Mark	Smalley	A comparison of precipitation occurrence from NCEP's StageIV and CloudSat's Cloud Profiling Radar	Row 8
Nadia	Smith	Thinking inside the grid - from multi-instrument satellite data to uniform space-time information	Row 8
Larry	Sromovsky	Saturn's Great Storm of 2010-2011: Evidence for ammonia and water ices from analysis of VIMS near-IR spectra	
Kathleen	Strabala	The Global Impact of 10+ Years of IMAPP Software in Support of Aqua and Terra	Row 9
Kathleen	Strabala	Direct Broadcast VIIRS Data: Supporting Operational Forecasters	Row 9
Joe	Taylor	The University of Wisconsin Space Science and Engineering Center Absolute Radiance Interferometer (ARI): Predicted and Demonstrated Radiometric Performance	Row 9
Joe	Taylor	Suomi NPP/JPSS Cross-track Infrared Sounder (CrIS): Calibration Validation With The Aircraft Based Scanning High-resolution Interferometer Sounder (S-HIS)	Row 9
Austin	Thomas	Do precipitation pulses drive anomalous carbon dioxide ecosystem exchange in temperate ecosystems?	Row 9
Gary S.	Wade	Are Sounding Profiles from Geostationary Satellites Helping Us Yet?	Row 9
Pei	Wang	Improve Hurricane Sandy Forecasts with Hyperspectral Infrared Sounding Data	Row 9
Elisabeth	Weisz	Community Satellite Processing Package (CSPP) Cross-track Infrared Sounder (CrIS) Dual-Regression Retrievals and Applications	Row 9
Lee	Welhouse	Map of Antarctic Automatic Weather Stations	Row 10
Andrew	Wentland	Evaluation of WRF Model Performance Around Coastal Regions of Lake Michigan	Row 10
Nancy	Wiegand	INTEROP,Äì Spatial Ontology Community of Practice: an Interdisciplinary Network to Support Geospatial Data Sharing, Integration, and Interoperability	Row 10
Elena	Willmot	Satellite Observations of Biomass Burning Aerosol Interactions with Marine Stratocumulus Clouds in the South Atlantic Ocean	Row 10
Norm	Wood	Performance of idealized snow particle models for simulating W-band reflectivity	Row 10
Yan	Yu	Atmospheric Dust over Saudi Arabia: Temporal and Spatial Variability and Climatic Controls	Row 10
Hong	Zhang	GRAFIIR and JAFIIR (GOES-R/JPSS Analysis Facility for Instrument Impacts on Requirements) Efficient End-to-End Semi-Automated Algorithm Performance Analysis and Implementation Verification Systems	Row 10