

A-Atmospheric (Monday/Tuesday, 7-8 October)

P#	Presenting	Author	Title
A-p01	Eric	Bazile	2D surface reanalysis over Europe at 5 km scale within EURO4M project: system description and validation
A-p02	Loik	Berre	Development and operational implementation of flow-dependent wavelet-based correlations using the Ensemble 4D-Var at Météo-France
A-p03	Jean-François	Caron	A Comparison Between 4D-Var and 4D-EnVar in the Canadian Regional Deterministic Prediction System
A-p04	Per	Dahlgren	A large scale host model constraint in a limited area 4D-Var
A-p05			WITHDRAWN
A-p06	Gael	Descombes	Multivariate Background Errors for 3DVar Cloud Analysis
A-p07	Maria Eugenia	Dillon	Application of the WRF – LETKF System over Argentina: a Case Study
A-p08	Takeshi	Enomoto	AFES–LETKF Experimental Ensemble Reanalysis 2
A-p09	Jonathan	Flowerdew	Initial Trials of 4D-Ensemble-Var for Data Assimilation and Ensemble Initialization
A-p10	David	Groff	The Impact of Community Radiative Transfer Model Microwave Sea Surface Emissivity Improvements on Forecast Skill
A-p11	So-Young	Ha	Ensemble Kalman Filter Data Assimilation for the MPAS system
A-p12	So-Young	Ha	Model error representation in mesoscale WRF-DART cycling run
A-p13	Elias	Holm	Cloud Condensate Control Variable Transform and Background Errors
A-p14	Ming	Hu	Improving GSI 3DVAR-Ensemble Hybrid Data Assimilation System for Mesoscale Application with the Rapid Refresh
A-p15	Ji-Sun	Kang	Local Ensemble Transform Kalman Filter Data Assimilation System Implemented to a Next-Generation Global Model of KIAPS
A-p16			WITHDRAWN
A-p17	Masaru	Kunii	Mesoscale data assimilation experiment with the NHM-LETKF
A-p18	Jun	Li	Improving tropical cyclone forecasts by assimilating satellite sounding measurements
A-p19	Hui	Liu	Achieving Superior Tropical Cyclone Intensity Forecasts by Improving the Assimilation of High-Resolution Satellite Data into Mesoscale Prediction Models
A-p20			WITHDRAWN
A-p21	Anthony	Reinhart	Initial Performance and Verification Results of a Cycled WRF/DART Multiscale Ensemble System at Texas Tech University
A-p22	Fábio Luiz	Rodrigues Diniz	Forecast and Analysis Verification of CPTEC/INPE G3DVAR
A-p23			WITHDRAWN
A-p24	Anna	Shlyaeva	Assimilating Conventional Observations for the Global Atmospheric Model SL-AV with Local Ensemble Transform Kalman Filter
A-p25			WITHDRAWN
A-p26	Lucio	Torrise	The CNMCA (Italian National Meteorological Center) Operational LETKF Data Assimilation System: recent developments
A-p27	Houjun	Wang	Data Assimilation for the Whole Atmosphere Model (WAM)
A-p28	Pei	Wang	The impacts of MODIS and SSM/I total precipitable water on Hurricane Sandy forecasts in regional NWP model
A-p29	Xuguang	Wang	GSI-based Hybrid Data Assimilation for NCEP GFS: How Is the Dual Resolution Hybrid Compared to the Single Resolution Hybrid?
A-p30	Xuguang	Wang	GSI-based Four-dimensional Ensemble-variational (4DEnsVar) Data Assimilation for NCEP Global Forecast System: Single Resolution Experiments with Real Data
A-p31	Yonghui	Weng	Reconnaissance Data Impact on Hurricane Intensity Prediction with the real-time WRF-EnKF System
A-p32	Jack	Woollen	Hybrid ENKF Reanalysis of 1981-1982 Period for Comparison with CFSR Results
A-p33	Yuanfu	Xie	A Multigrid Technique in Advanced Global Data Assimilation
A-p34			REASSIGNED
A-p35	Akira	Yamazaki	Storm Tracks and Low-Frequency Variabilities in AFES-LETKF Experimental Ensemble Reanalysis 2

B-Convective (Monday/Tuesday, 7-8 October)

P#	Presenting	Author	Title
B-p01			REASSINGED
B-p02	Ludovic	Auger	AROME-NWC : an adaptation of the meso-scale NWP model AROME to nowcasting
B-p03	Jacob	Carley	Development of an Hourly-Updated NAM Forecast System and Application to the Damaging Summer 2012 Derecho Event
B-p04	Sha	Feng	Improved Hydrometeor Simulations Using Cloud Resolving WRF and Multi-Scale Data Assimilation and Augmented Forcing for Single Column Models
B-p05			WITHDRAWN
B-p06	Stephanie	Guedj	Toward the assimilation of the future MTG-IRS data in a fine-scale weather forecast model : Potential benefits
B-p07	Susanna	Hagelin	AROME Airport: Nowcasting with a High-Resolution Configuration of the Operational French Meso-Scale AROME Model
B-p08	Mylene	Haslehner	Testing particle filters on convective scale dynamics
B-p09	Youngsun	Jung	Multi-Scale Ensemble Kalman Filter Data Assimilation and Forecasts of the 10 May 2010 Tornado Outbreak in the Central US Domain
B-p10	Radhika	Kanase	SIMULATING THE SPECIAL FEATURES OF CYCLONE AILA (2009) AFTER LANDFALL
B-p11	Takuya	Kawabata	Development of a New Storm-Scale 4D-Var Assimilation System
B-p12	Jan	Keller	Self-Breeding: A new Approach to the Estimation of Uncertainty Structures in Meso-Scale NWP models
B-p13	Benjamin	Ménétrier	Spatial Filtering of Small Ensemble-Based Estimations of Background Error Parameters at Convective Scale
B-p14			WITHDRAWN
B-p15	Florence	Rabier	Use of Microphysical Variables for the Assimilation of IASI Cloudy Radiances in Convective Scale Models
B-p16			WITHDRAWN
B-p17	Anthony	Reinhart	Impact and Verification of Microphysical Parameterizations on Supercell Thunderstorm Cold Pools using WRF/DART EnKF Data Assimilation Experiments
B-p18	Glen	Romine	Improving Convective Forecast Skill via Ensemble Data Assimilation with WRF-DART
B-p19	Annika	Schomburg	Assimilation of Cloud Information at the Convective Scale with the Ensemble Kalman Filter
B-p20	Matthias	Sommer	Observation Impact in a Convective-Scale Localized Ensemble Transform Kalman Filter
B-p21	Juanzhen	Sun	Comparison of Two Pairs of Momentum Control Variables in WRFDA for Convective-scale Data Assimilation
B-p22	Therese	Thompson	Multi-Scale Data Assimilation of the June 13, 2010 VORTEX2 Tornadic Supercell
B-p23	Michael	Wuersch	A Simple Dynamical Model of Cumulus Convection for Data Assimilation Research
B-p24	Yuanfu	Xie	The Variational Version of the Local Analysis and Prediction System (LAPS): Hot-start Data Assimilation of Convective Events
B-p25	Nusrat	Yussouf	Multiscale Ensemble Data Assimilation and Forecasts of a Tornadic Supercell Storm
B-p26	Hailing	Zhang	Impact of Surface Observations on the Predictability of Landfalls of Hurricane Katrina (2005) with Ensemble-based Data Assimilation

C-Constituent (Monday/Tuesday, 7-8 October)

P#	Presenting	Author	Title
C-p01	Marc	Bocquet	Accounting for Representativeness Errors in the Inversion of Atmospheric Constituent Emissions: Application to the Retrieval of Regional Carbon Monoxide Fluxes
C-p02	Virginie	Buchard-Marchant	Ensemble-based Assimilation of Aerosol Observations in GEOS-5
C-p03	Tianfeng	Chai	Sensitivity Study on Generating Atmospheric Chemistry Reanalysis Field for the Contiguous United States Using Community Multi-scale Air Quality (CMAQ) Modeling System
C-p04	Zhijin	Li	Variational Data Assimilation for Multiple Aerosol Species with WRF/Chem
C-p05	Zhiquan	Liu	Variational and Ensemble Aerosol Data Assimilation for Regional Air-Quality Forecasts Using WRF/Chem: an Overview
C-p06	Sarah	Lu	Global Aerosol Forecasting and Assimilation System at NCEP: Overview and Status
C-p07	Thomas	Milewski	Potential for Ensemble Assimilation of Stratospheric Ozone
C-p08			WITHDRAWN
C-p09	Andrew	Tangborn	Assimilation of CO2 from ACOS GOSAT and AIRS into the GEOS5 constituent assimilation system
C-p10	Krzysztof	Wargan	Upper-Tropospheric and Lower-Stratospheric Ozone from Assimilation of EOS-Aura Data into GEOS-5

D-Coupled (Wednesday/Thursday 9-10 October)

P#	Presenting	Author	Title
D-p01	Santha	Akella	Assimilation for Sea Surface Skin Temperature in GEOS-DAS
D-p02	Alberto	Carrassi	On the Problem of Initializing Climate Prediction
D-p03	Mohamad	El Gharamti	Dual States Estimation of Subsurface Flow-Transport Coupled Model using Ensemble Kalman Filtering
D-p04	Sergey	Frolov	Development of strongly coupled atmosphere-ocean data assimilation scheme at the U.S. Naval Research Laboratory
D-p05	Kosuke	Ito	Development of a meso 4D-Var data assimilation system using a coupled atmosphere-ocean model for typhoon intensity prediction
D-p06	Hiroshi	Koyama	Assimilation of Surface Observations Using an Atmosphere-ocean Coupled EnKF
D-p07	Xu	Li	Improved Oceanic Component within the NCEP GFS
D-p08	Tomoko	Matsuo	Upper Atmospheric Data Assimilation with an Ensemble Kalman Filter
D-p09	Jesse	Meng	Implementation of GLDAS in the NCEP Operational Global Climate and Weather Forecast Systems
D-p10			REASSINGED
D-p11	Saroja	Polavarapu	An Ensemble Kalman Smoother for the Coupled Greenhouse Gas and Flux estimation problem: Design of the Environment Canada Carbon Assimilation System
D-p12	Polly	Smith	Exploring Coupled 4D-Var Data Assimilation Using an Idealized Atmosphere-Ocean Model
D-p13	Robert	Tardif	Exploring Strategies in Coupled Atmosphere-Ocean Data Assimilation with a Low-Order Climate Model and CMIP5 Data
D-p14	Robin	Wedd	Ocean-Atmosphere Interactions in CMIP5 Coupled Model Decadal Data
D-p15	Yonghong	Yin	A Coupled Ensemble Data Assimilation System for Seasonal Prediction in Australia
D-p16	Fei	Zheng	Coupled assimilation of both atmospheric and oceanic observations for ENSO prediction using an intermediate coupled model
D-p17	Milija	Zupanski	Forecast error covariance in a coupled Land-Atmosphere Ensemble Data Assimilation with NASA-Unified WRF model

E-Ocean (Wednesday/Thursday 9-10 October)

P#	Presenting	Author	Title
E-p01	Didier	Auroux	Data Assimilation Experiments using the Back and Forth Nudging and NEMO OGCM
E-p02	Pierre-Antoine	Bouttier	Impact of non-linearities on an incremental 4D-VAR data assimilation method in a high resolution numerical ocean model
E-p03			Withdrawn
E-p04	Pablo	Echevarria	4D-LETKF Data Assimilation in a WAVEWATCH III® Wave Model Ensemble
E-p05	Okuku	Ediang	THE INTERPLAY BETWEEN OCEAN DATA SCARCITY AND OCEAN STORM SURGES IN WEST AFRICA COAST: A CASE IN NIGERIA.
E-p06	Benjamin	Giese	An Ensemble of Ocean Reanalyses for Climate Studies
E-p07	David	Halpern	Impact of Data Assimilation on ECCO2 Equatorial Currents
E-p08			Withdrawn
E-p09	Zhijin	Li	Coastal Ocean Data Assimilation and Forecasting Using a Multi-Scale Three-Dimensional Variational Data Assimilation Scheme
E-p10	Svetlana	Losa	Assimilating NOAA's SST data and in situ T, S profiles into BSH operational circulation model for the North and Baltic Seas
E-p11			WITHDRAWN
E-p12	Sudhir	Nadiga	Experiments with Satellite Ocean Color Fields in an NCEP Operational Ocean Forecast System
E-p13	Hans	Ngodock	The Representer Method: Theory and Applications to Ocean Data Assimilation
E-p14	Hans	Ngodock	Estimating Atmospheric Forcing Errors in Ocean Data Assimilation using the Representer Method of 4DVAR
E-p15	Sreenivas	Pentakota	Role of Ocean Data Assimilation in improving NCEP-CFS based monsoon forecast
E-p16	Sophie	Ricci	A Variational Data Assimilation Algorithm to Estimate Salinity in the Berre Lagoon with Telemac3D
E-p17			Withdrawn
E-p18			Withdrawn
E-p19	Chaojiao	Sun	A Hybrid Ensemble-Variational Approach for Coastal Ocean Application
E-p20	George	Triantafyllou	A Robust Ensemble-Based Kalman Filter for Data Assimilation into a 3D Ecosystem Model of the Cretan Sea (Eastern Mediterranean)
E-p21	Norihisa	Usui	Development of a high-resolution coastal forecasting system with a 4DVAR assimilation scheme
E-p22	Guillaume	Vernieres	Impact of the Assimilation of Aquarius Sea Surface Salinity Data in the GEOS System
E-p23	Anthony	Weaver	Evaluation of the ECMWF Ensemble of Ocean Reanalyses using Assimilation Diagnostics
E-p24	James	While	An analysis system for diurnal Sea Surface Temperature
E-p25	James	While	SST data assimilation in the UK Met Office's shelf sea models.
E-p26	Chunxue	Yang	Pacific Sub-tropical Cells Variability in CMCC Ocean reanalysis and SODA 2.2.6 from 1979 to 2009

F-Land Surface (Wednesday/Thursday 9-10 October)

P#	Presenting	Author	Title
F-p01	Matthias	Drusch	SMOS NRT Brightness Temperatures for Land Surface Analysis
F-p02	Andrew	Fox	Assimilating Biogeochemical and Biophysical Observations into a Land Surface Model Using the Data Assimilation Research Testbed
F-p03	Christopher	Hain	Dual Assimilation of Microwave and Thermal-Infrared Satellite Observations of Soil Moisture into NLDAS for Improved Drought Monitoring
F-p04	Eunjin	Han	Benchmarking a Soil Moisture Data Assimilation System for Agricultural Drought Monitoring
F-p05	Timothy	Hoar	Ensemble Data Assimilation for Soil-Vegetation-Atmosphere Systems
F-p06	Lipeng	Jiang	Assimilation of Soil moisture Retrievals from FY-3B Microwave Radiometer Imager into Community Land Model using Ensemble Kalman Filtering
F-p07	Steven	Levine	Mesonet Data Assimilation and Quality Control Challenges for the Real-Time Mesoscale Analysis (RTMA) System
F-p08	Bailing	Li	Assimilating GRACE Terrestrial Water Storage for Improving Land Surface Processes and Drought Monitoring
F-p09	Ding	Liang	Assessment of a New Dense Media Radiative Transfer Model Based on the Quasicrystalline Approximation (QCA/DMRT) in Assimilation of Passive Microwave Satellite Observations
F-p10	Yuqiong	Liu	Assimilating Satellite-Based Snow Depth and Snow Cover Products for Improving Snow Predictions in Alaska
F-p11	Rihab	Mechri	Surface Temperature Downscaling based on Genetic Particle Smoother
F-p12	Rolf	Reichle	A soil moisture data assimilation system for SMOS and SMAP
F-p13	Chunxiang	Shi	China Land Data Assimilation System(CLDAS)Research and Operation
F-p14	Kibrewossen	Tesfagiorgisa	Assimilating landscape freeze/thaw information in the NCEP Global Forecast System: Exploring the potential of the SMAP Freeze-Thaw product for weather and climate forecasting
F-p15			WITHDRAWN
F-p16	Youlong	Xia	North American Land Data Assimilation System Phase 2 (NLDAS-2): Evaluation and Applications
F-p17			WITHDRAWN
F-p18	Xiwu	Zhan	A Blended Satellite Soil Moisture Data Product from NESDIS-SMOPS for Assimilation in Numerical Weather Prediction Models
F-p19			WITHDRAWN

G-Satellite, In Situ, and Radar (Wednesday/Thursday 9-10 October)

P#	Presenting	Author	Title
G-p01	Karina	Apodaca	Assessing the impact of lightning observations in a hybrid data assimilation system
G-p02	Nancy	Baker	An Assessment of the Impact of the Assimilation of NASA TERRA MISR Atmospheric Motion Vectors on the NRL Global Environmental Model
G-p03	Joël	Bédard	Towards the Assimilation of Near-Surface Winds from Tall Anemometric Wind Farm Towers
G-p04	Lee	Carlaw	Impact of Observations on High-Resolution Analyses and Forecasts over the Dallas-Fort Worth Testbed
G-p05	Jacob	Carley	Data-Denial Experiments for the Improvement of Wind Energy Forecasts with the NCEP North American Mesoscale Modeling and Assimilation System: The WFIP and POWER Projects
G-p06	Philippe	Chambon	Investigating the Impact of pre-GPM Microwave Precipitation Observations in the Goddard WRF Ensemble Data Assimilation System
G-p07			REASSIGNED
G-p08	Hyoung-Wook	Chun	Development of IASI Preprocessing at KIAPS and Preliminary Results
G-p09			WITHDRAWN
G-p10	Jili	Dong	The impact of assimilating satellite-derived winds, airborne Doppler radial velocity and dropsonde data on the analysis and prediction of Hurricane Earl (2010) using an ensemble Kalman filter
G-p11	Jiarui	Dong	Quantify the MODIS Fractional Snow Cover Retrieval Errors over CONUS and Assimilation Experiments
G-p12	Denis	Dreano	Statistical Model for the Forecasting of Spatial Chlorophyll Concentration in the Red Sea
G-p13	Leila	Farhadi	Assimilation of Freeze-Thaw Observations into the NASA Catchment Land Surface Model
G-p14	Kevin	Garrett	A Generalized Approach to Microwave Satellite Data Assimilation Quality Control and Preprocessing
G-p15	Guoqing	Ge	Assimilation of Multifunction Phased Array Radar data for the Prediction of Thunderstorms during the May 24th, 2011 Oklahoma Tornado Outbreak
G-p16	Maurício	Granzotto Mello	Assessing the Contribution of Surface Land Observations in CPTec/INPE G3DVAR
G-p17	Steven	Greybush	An Enhanced Methodology for Satellite Data Assimilation in a Mars Atmosphere Reanalysis
G-p18	Wei	Gu	Impacts of Inter-Channel Interference on the use of AIRS in Data Assimilation
G-p19	Thomas	Jones	Sensitivity of Assimilating GOES Cloud Water Path Retrievals to Model Cloud Microphysics
G-p20	Youngsun	Jung	Assimilation of Simulated High-Resolution All-Sky Radiance and Radar Data for Storm-Scale Ensemble Forecasts
G-p21	Jeon-Ho	Kang	The KIAPS Observation Processing System Development for the Satellite Data Assimilation
G-p22	Sihye	Lee	Development of KIAPS Observation Processing System: AMSU-A Bias Correction Modules
G-p23	Xuanli	Li	Assimilation of Dual-Polarimetric Radar Observations with WRF 3DVAR and its Impact
G-p24	Guo-Yuan	Lien	Local Ensemble Transform Kalman Filter Assimilation of Precipitation with the NCEP Global Forecasting System
G-p25	Shun	Liu	The use of Doppler radar data at NCEP
G-p26			REASSIGNED
G-p27			WITHDRAWN
G-p28	Isaac	Moradi	Evaluating space-based and in-situ observations of tropospheric humidity
G-p29	Philip	Muscarella	An Examination of a Multi-Scale Three-Dimensional Variational Data Assimilation Scheme (MS-3DVAR) in the Kuroshio Extension with Simulated and Real Observations
G-p30	Jason	Otkin	Using Regional-scale OSSEs to Explore the Impact of Water Vapor Sensitive Infrared Brightness Temperatures on Analysis and Forecast Accuracy
G-p31	Joanna	Pelc	Application of Model Reduced 4D-Var to a 2D North Sea Ecosystem Model
G-p32	v s	prasad	Assimilation of MeghaTropique Saphir Radiance data at NCMRWF
G-p33	Zhaoxia	Pu	Ensemble Kalman filter assimilation of near-surface observations over complex terrain: comparison with 3DVAR for short-range forecasts
G-p34	Jason	Sippel	Ensemble Kalman Assimilation of Global-Hawk-based Data from Tropical Cyclones
G-p35	Yi	Song	A BUFR and GRIB Tailoring System for NPP/JPSS and GCOM Products
G-p36	Yudong	Tian	Uncertainty Quantification in Satellite-based Precipitation Measurements
G-p37	Matthew	Wakeling	A Simple Model to Simulate the Assimilation of Vertical Motion from Cloudy Satellite Imagery
G-p38	Joanne	Waller	Incorporating Correlated Observation Errors in Ensemble Data Assimilation
G-p39	Xu	Lu	Assimilation of Airborne Doppler Radar observations using the GSI- based hybrid ensemble-variational data assimilation system to improve high resolution hurricane forecast by HWRF
G-p40	Eric	Wattrelot	Optimization of the operational assimilation of radar data at convective scale in AROME France and international cooperations
G-p41	Martin	Weissmann	Assimilation of Visible and Near-Infrared Observations in KENDA-COSMO
G-p42	Martin	Weissmann	Height correction AMVs with airborne lidar observations
G-p43	Peter	Weston	The Impact of the Temporal Spacing of Observations on Analysis Errors
G-p44	Dustan	Wheatley	An Evaluation of the NSSL Mesoscale Ensemble
G-p45	Ting-Chi	Wu	Towards Understanding the Contributions of Satellite-Derived Atmospheric Motion Vectors to the Mesoscale Tropical Cyclone Analyses and Forecasts
G-p46	Hua	Zhang	An Application Study on Near Surface Channels of Hyper-spectral Infrared Sounder
G-p47	Man	Zhang	Direct assimilation of all-sky SEVIRI IR10.8 radiances in TC core area using an ensemble-based data assimilation method
G-p48			WITHDRAWN
G-p49	Weizhong	Zheng	Assimilation of Satellite Soil Moisture Data Products from SMOPS in NCEP Global Forecast System
G-p50	Yanqiu	Zhu	Enhanced Radiance Bias Correction in the NCEP's Gridpoint Statistical Interpolation Data Assimilation System
G-p51	Xiaolei	Zou	Impact of ATMS Radiance Data Assimilation on Hurricane Track and Intensity Forecasts Using HWRF

H-Methodology (Monday/Tuesday, 7-8 October)

P#	Presenting	Author	Title
H-p01	Javier	Amezcuca	Ensemble of 4DVars and their use within a particle filter context
H-p02	Jonathan	Beezley	Wavelet Covariance Approximations for Wildfire Data Assimilation using SFIRE
H-p03	Marc	Bocquet	Ensemble Kalman Filtering Without the Intrinsic Need for Inflation
H-p04	Félix	Carrasco	A Smooth Ensemble Kalman Filter for Parameter estimation
H-p05	Alberto	Carrassi	Accounting for Model Error in Data Assimilation
H-p06	Amal	EL Akkraoui	Inter-comparison of static and flow-dependent estimates of background error covariances
H-p07	Mohamad	Elgharamti	An Iterative Greedy Algorithm for Observation Network Design with an Ensemble Kalman Filter
H-p08	Steven	Fletcher	Observational Quantification of Non-Gaussian Errors Within a Humidity-Temperature 1DVAR Retrieval System over Japan.
H-p09	Xiang-Yu	Huang	Assimilation of wind speed and direction observations: a new formulation and results from idealized experiments
H-p10	Kayo	Ide	LETKF-based method for Hybrid Data Assimilation
H-p11	Tijana	Janjic	Mass Conservation and Positivity Preservation with Ensemble-type Kalman Filter Algorithms
H-p12	Mohamed	Jardak	The Ensemble Variational Assimilation and Bayesian Estimation
H-p13	Alicia	Karspeck	A practical ensemble technique for the estimation of spatially inhomogeneous, model-dependent observational errors
H-p14	Paul	Kirchgessner	Adaptive Localization in Ensemble Kalman Filter Methods by Controlling the Observation Space
H-p15	Jihye	Kwun	Correlations of Control Variables for Representing Forecast Errors on Cubed-Sphere Grids
H-p16	S.	Lakshmivarahan	Stochastic Galerkin method for dynamic data assimilation using Wiener's polynomial chaos
H-p17	S.	Lakshmivarahan	Pontryagin's Minimum Principle Applied to Meteorological Data Assimilation
H-p18	Amos	Lawless	Error Dynamics and Instability in Data Assimilation
H-p19			REASSIGNED
H-p20	Xudong	Liang	Application of Physical Filter Initialization Scheme on WRFVAR
H-p21	Xiaodong	Luo	Ensemble Bayesian filtering with Residual Nudging
H-p22	Thomas	Nehrkorn	Correcting for Position Errors in Variational Data Assimilation
H-p23	Lars	Nerger	Scalable Sequential Data Assimilation with the Parallel Data Assimilation Framework PDAF
H-p24	Lars	Nerger	The Error-Subspace Transform Kalman Filter
H-p25	Stephen	Penny	The Hybrid Local Ensemble Transform Kalman Filter
H-p26	Africa	Perianez	Error Analysis and Adaptive Localization for Ensemble Methods in Data Assimilation
H-p27	Chiara	Piccolo	Evaluation of Model Errors using Data Assimilation
H-p28	Jonathan	Poterjoy	Inter-comparison and Coupling of Ensemble and Variational Data Assimilation Approaches for Regional-Scale Modeling
H-p29	Miodrag	Rancic	Application of Normal Mode Strong Constraint for Initialization of WAM
H-p30	Adrian	Sandu	Aposteriori Error Estimates in Variational Data Assimilation
H-p31	Prashant	Sardeshmukh	Improving Reanalyses using Physically Based Stochastic Parameterizations
H-p32	Tyrus	Berry	Adaptive ensemble Kalman filtering of nonlinear systems
H-p33	Laura	Slivinski	Lagrangian Data Assimilation: A Hybrid Particle-Ensemble Kalman Filter and Applications to Geophysical Fluid Flows
H-p34	Chris	Snyder	Performance Bounds for Particle Filters Using the Optimal Proposal
H-p35	Hyo-Jong	Song	Application of a Spectral Transform on Cubed-Sphere Grids to Representation of Forecast Errors for Variational Data Assimilation
H-p36	Hajoon	Song	An Adjoint-Based Adaptive Ensemble Kalman Filter
H-p37	Xudong	Sun	Use of Green's function in spatial covariance analysis
H-p38	Charles-Emmanuel	Testut	MODELLING FORECAST ERROR STATISTICS using GAUSSIAN ANAMORPHOSIS
H-p39	Lucio	Torrisi	Use of Radiances in the CNMCA (Italian National Meteorological Center) Operational Ensemble Data Assimilation System
H-p40	Yannick	Trémolet	The Object-Oriented Prediction System - a Flexible Framework for Data Assimilation
H-p41	Mikhail	Tsyrlnikov	On Observability of Atmospheric Model Tendency Errors
H-p42	Genta	Ueno	Ensemble Kalman filtering with regularization through a graphical model
H-p43	Martin	Verlaan	OpenDA Data Assimilation Toolbox
H-p44	Arthur	Vidard	Multi Resolution Variational Data Assimilation Schemes With Application to a Realistic Ocean Model.
H-p45	Anthony	Weaver	B-Preconditioned Minimization Algorithms for Variational Data Assimilation with the Primal and Dual Formulations
H-p46	Shu-Chih	Yang	Application of Ensemble Sensitivity to Data Assimilation
H-p47	Yongjing	Zhao	Effects of Assimilation Window Length on Diurnal Features in a Mars Atmosphere Reanalysis
H-p48			WITHDRAWN

I-Diagnostics (Wednesday/Thursday 9-10 October)

P#	Presenting	Author	Title
I-p01	Michael	Bosilovich	Evaluation of the Relative Contribution of Observing Systems in Reanalyses: Aircraft Temperature Bias and Analysis Innovations
I-p02	Michael	Bosilovich	Evaluation of Observing Systems variations on Central US Water Cycle
I-p03	Pierre	Brousseau	A Posteriori Diagnostics of the Impact of Observations on the AROME-France Convective-Scale Data-Assimilation System
I-p04	Steven	Fletcher	A Quality Control Study of NOAA MIRS Cloudy Retrievals during Hurricane Sandy
I-p05	Peter Jan	van Leeuwen	A Non-linear Method for IASI Channel Selection
I-p06	Nicholas	Gasperoni	Improving Ensemble-based Observation Impact Estimate using a Group Filter Technique
I-p07	Sean	Healy	Scaling of GNSS Radio Occultation Impact with Observation Number Using an Ensemble of Data Assimilations
I-p08	Daniel	Holdaway	Inclusion of linearized moist physics in NASA's Goddard Earth Observing System Data Assimilation Tools
I-p09	Brett	Hoover	Observation impact on tropical cyclone forecasts: An adjoint approach
I-p10	Bruce	Ingleby	Comparison of Met Office and ECMWF Background Fields with Conventional Observations
I-p11	John	Lewis	Investigation of Model Covariance with Low-Order Dynamics
I-p12	Cristina	Lupu	A Critical Comparison of Methods to Assess Observation Impact in NWP
I-p13	Michiko	Masutani	Joint OSSE and OSSE at JCSDA
I-p14	Nikki	Prive	Investigating Sources of Error in Numerical Weather Forecasting with an Observing System Simulation Experiment
I-p15	Marcos Adolfo	Saucedo	Sensitivity Experiments with a LETKF Data Assimilation Scheme Employing the WRF Model
I-p16	Innocent	Souopgui	Second and Third order Adjoint Methods for Sensitivity Analysis in Pollution Models
I-p17	Aneesh	Subramanian	Quantifying uncertainty in transient climate sensitivity subject to uncertainty in forcing and natural variability using a non-Gaussian filter
I-p18	Xuguang	Wang	A Comparison of Impacts of Radiosonde and AMSU Radiance Observations In GSI-based Hybrid and 3DVar Data Assimilation Systems for NCEP GFS
I-p19	Yu	Zhang	Ensemble Transform Adjoint Method for Adaptive Observation
I-p20	Yann	Michel	Applying tests of univariate Gaussianity on short range forecasts from an ensemble of variational assimilations