

International Conferences on Subseasonal to Decadal Prediction
Second International Conference on Subseasonal to Seasonal Prediction (S2S) and
Second International Conference on Seasonal to Decadal Prediction (S2D)

September 17-21, 2018 – NCAR, Boulder (CO) - USA

Provisional Agenda (as of June 28, 2018)

MONDAY 17 SEPTEMBER	
8.00 – 8.30	Arrival/Registration
8.30 – 12.00	Plenary Sessions - Main auditorium at Center Green (CG)
8.30 – 9.40	Welcome and Opening Remarks <i>Antonio J. Busalacchi</i>
8.40 – 8.50	NCAR <i>Jean-Francois Lamarque</i>
8.50 – 9.00	WMO/WCRP <i>Guy Brasseur</i>
9.00 – 9.10	WMO/WWRP <i>Estelle De Coning</i>
9.10 – 9.20	NOAA/MAPP “Subseasonal to seasonal science and predictions initiatives of the NOAA MAPP Program” <i>Annarita Marriotti</i>
9.20 – 9.40	S2S – Project achievements and future plans <i>Frédéric Vitart and Andrew Robertson</i>
9:40 – 10.00	WGSIP/DCPP – Project achievements and future plans <i>Bill Merryfield and Doug Smith</i>
10.00 – 10.30	Coffee Break
10.30 – 11.00	Opportunities and challenges towards skillful predictions “Subseasonal to decadal prediction: Looking back on 40 years of progress - and projecting forward another 40 years” <i>Tim Palmer</i>
11.00 – 11.30	Filling the research-operations gap “Research Needs for advancing operational S2D forecasting infrastructure” <i>Arun Kumar</i>
11.30 – 12.00	Connecting prediction information to application <i>Lisa Goddard</i>
12.00 – 13.15	Lunch

13:15 – 17.45	Parallel Sessions: Themes A and B	
13.15 – 17.45	S2S session Theme A1: Mechanisms of S2S predictability North and Center CG	S2D session Theme B1: Mechanisms of S2D predictability FL auditorium (streaming South CG)
13.15 – 13.45	Brunet, Gilbert (Keynote): <i>Identifying wave processes associated with predictability across subseasonal to seasonal time scales (A1-01)</i>	
13.45 - 14.00	Toth, Zoltan: <i>Predictive signal and noise in sub-seasonal to decadal forecasts (A1-02)</i>	
14.00 - 14.15	Newman, Matt: <i>Sources of tropical subseasonal predictability beyond the MJO (A1-03)</i>	
14.15 - 14.30	Perlwitz, Judith: <i>Characteristics of the QBO-stratospheric polar Vortex connection on multi-decadal time scales (A1-04)</i>	
14.30 - 14.45	Kim, Ha-Rim: <i>Impact of statistically forecasted sea-ice boundary condition on the sub-seasonal prediction using atmospheric general circulation model (A1-05)</i>	
14.45 – 16.15	Coffee Break and Poster Session 1	
16.15 – 16.30	Flatau, Maria: <i>The characteristics of Kelvin waves in the atmosphere-ocean coupled system (A1-06)</i>	
16:30 – 16.45	Dias, Juliana: <i>Diagnosing sources of operational forecast model errors in tropical-extratropical interactions (A1-07)</i>	
16.45 – 17.00	Lee, Robert: <i>ENSO modulation of MJO teleconnection to the North Atlantic & Europe and implications for subseasonal predictability (A1-08)</i>	
17.00 – 17.15	Stan, Cristiana: <i>The impact of Northern Hemisphere mid-latitude variability on tropical teleconnections (A1-09)</i>	
17.15 – 17.30	Lin, Hai: <i>Predicting the dominant patterns of subseasonal variability of wintertime surface air temperature in extratropical Northern Hemisphere (A1-10)</i>	
17.30 – 17.45	Grams, Christian: <i>The role of cloud diabatic processes in the life cycle of Atlantic-European weather regimes (A1-011)</i>	
13.15 – 13.45	Robson, Jon (Keynote): <i>On the mechanisms that give rise to predictability on Seasonal-to-decadal time-scales (B1-01)</i>	
13.45 – 14.00	Meehl, Gerald: <i>Initialized decadal prediction for transition to positive phase of the Interdecadal Pacific Oscillation and resumption of larger rates of global warming (B1-02)</i>	
14.00 – 14.15	Mochizuki, Takashi: <i>Tropical Atlantic impacts on subdecadal variability in the Pacific (B1-03)</i>	
14.15 – 14.30	Lee, June-Yi: <i>Multi-year predictability of total soil water, drought, and wildfire over the Globe (B1-04)</i>	
14.30 – 14.45	Anderson, Bruce: <i>The Pacific Decadal Precession: Our current understanding of its dynamics, regional climate effects, and predictability (B1-05)</i>	

14.45 – 16.15	Coffee Break and Poster Session 1	
16.15 – 16.30	Delworth, Thomas: <i>Decadal variability and predictability in the Southern Ocean - implications for interpreting recent observed trends (B1-06)</i>	
16.30 – 16.45	Chapman, Christopher: <i>Variability and teleconnections in the Indian Ocean: Mechanisms, predictability and climatic influence (B1-07)</i>	
16.45 – 17.00	Cassou, Christophe: <i>Dynamical and thermodynamical impacts of the Atlantic Multidecadal Variability on the European climate (B1-08)</i>	
17:00 – 17.15	Nicoli, Dario: <i>Global Climate Impacts of the Atlantic Multidecadal Variability in CMCC-CM2-SR and CNRM-CM5 climate models (B1-09)</i>	
17.15 – 17.30	Ruprich-Robert, Yohan: <i>Impacts of the Atlantic Multidecadal Variability on the tropical climate and tropical cyclone activity (B1-10)</i>	
17.30 – 17.45	Patricola, Christina: <i>Oceanic and atmospheric sources of seasonal tropical cyclone predictability (B1-11)</i>	
18.00 – 22:00	Reception – Location TBD	
TUESDAY 18 SEPTEMBER		
8.30 – 17.45	Parallel Sessions: Themes A and B	
8.30 – 12.00	S2S session Theme A2: Modelling issues in S2S prediction North and Center CG	S2D session Theme B1 (cont.)/B2 Modelling issues in S2D prediction FL auditorium (streaming South CG)
8.30 – 9.00	Takaya, Yuhei (Keynote): <i>The art and science in sub-seasonal forecast system design (A2-01)</i>	
9.00 – 9.15	Buizza, Roberto: <i>Initialisation and model error simulation in the ECMWF coupled ensembles (A2-02)</i>	
9.15 – 9.30	Bhattacharjee, Partha: <i>Study of Sub-Seasonal Predictability using the Unified Forecast System at NCEP (A2-03)</i>	
9.30 – 9.45	Sardeshmukh, Prashant: <i>Sufficient resolution for S2S predictions (A2-04)</i>	
9.45 – 10.00	Hong, Song-You: <i>Seasonal prediction experiments in a global coupled system based on a non-hydrostatic global atmospheric model (A2-05)</i>	
10.00 – 10.30	Coffee Break	
10.30 – 10.45	Benjamin, Stan: <i>Toward reducing cloud-radiation errors from Day 1 to Week 4 Prediction (A2-06)</i>	
10.45 – 11.00	Kim, Daeyun: <i>Mean state bias, cloud-radiation feedbacks, and MJO prediction skill in the S2S models (A2-07)</i>	
11.00 – 11.15	Kim, Hyemi: <i>Process-based MJO hindcast evaluation in SubX (A2-08)</i>	

11.15 – 11.30	DeMott, Charlotte: <i>The ocean-atmosphere dialog in the MJO: Physical processes vs. systematic biases in forecast models (A2-09)</i>	
11.30– 12.00	Ferranti, Laura (Keynote): <i>How far in advance can we predict changes in large-scale flow leading to severe cold conditions over Europe? (A3-01)</i>	
8.30– 8.45	Maroon, Elizabeth: <i>Sources of skill in decadal predictions of Sahel precipitation (B1-12)</i>	
8.45 – 9.00	Dewes, Candida: <i>Projected Changes in S2D Hydroclimate Predictability in North America in CESM-LE (B1-13)</i>	
9:00 – 9.15	Curry, Judith: <i>ENSO: towards breaching the springtime predictability barrier (B1-14)</i>	
9.15 – 9.30	Alessandri, Andrea: <i>Multi-scale enhancement of climate prediction over land by increasing the model sensitivity to vegetation variability (B1-15)</i>	
9.30 – 9.45	Ardilouze, Constantin: <i>Investigating the impact of soil moisture on European summer climate predictions (B1-16)</i>	
9.45 – 10.00	Beverley, Jonathan: <i>The northern hemisphere circumglobal teleconnection in a seasonal forecast model and its relationship to European summer forecast skill (B1-17)</i>	
10.00 – 10.30	Coffee Break	
10.30 – 11.00	Mueller, Wolfgang (Keynote): <i>Demands on the MPI Earth System Model to perform seasonal-to-decadal climate predictions (B2-01)</i>	
11.00 – 11.15	Keenlyside, Noel: <i>Approaches to reduce model biases to improve in climate prediction (B2-02)</i>	
11.15 – 11.30	Siongco, Angela Cheska: <i>Diagnosing the sources of systematic SST biases in CESM using ensemble seasonal hindcasts (B2-03)</i>	
11.30 – 11.45	Molteni, Franco: <i>Estimating errors in model variability: a comparison between seasonal re-forecasts and continuous multi-decadal simulations with the ECMWF coupled model (B2-04)</i>	
11.45 – 12.00	Barrie, Daniel: <i>Process-Oriented Model Diagnosis to Improve Modeling Systems (B2-05)</i>	
12.00 – 13.15	Lunch	
13.15 – 17.45	<p align="center">S2S session Theme A3</p> <p align="center">S2S ensemble predictions and forecast information</p> <p align="center">North and Center CG</p>	<p align="center">S2D session Theme B2 (cont.)/B3</p> <p align="center">S2D ensemble predictions and forecast information</p> <p align="center">FL auditorium (streaming South CG)</p>
13.15 – 13.30	Coelho, Caio: <i>A verification framework for South American sub-seasonal precipitation predictions (A3-02)</i>	
13:30 - 13:45	Munoz, Angel G: <i>How much can Model Output Statistics improve sub-seasonal predictive skill? (A3-03)</i>	
13.45 – 14.00	Berner, Judith: <i>Regime-dependent predictability and forecast error spectra of initialized forecasts (A3-04)</i>	
14.00 – 14.15	Barnes, Elizabeth: <i>Advancing atmospheric river and blocking forecasts into subseasonal-to-seasonal timescales (A3-05)</i>	

14.15 – 14.30	Collins, Dan: <i>Identifying the capacity of dynamical models to forecast subseasonal extremes: Multi-model ensembles (A3-06)</i>
14.30 – 14.45	Pegion, Kathy: <i>The Subseasonal Experiment (SubX) (A3-07)</i>
14.45 – 16.15	Coffee Break and Poster Session 2
16.15 – 16.30	Yoo, Changhyun: <i>Subseasonal prediction of wintertime East Asian temperature based on atmospheric teleconnections (A3-08)</i>
16.30 – 16.45	Batté, Lauriane: <i>Forecasting springtime Sahelian heat waves at seasonal and sub-seasonal time scales (A3-09)</i>
16.45 – 17.00	Toma, Violeta: <i>Advances in operational sub seasonal prediction of heat and cold waves for U.S. cities (A3-10)</i>
17.00 – 17.15	Plans for Phase 2 R2O and database
17.15 – 17:45	Discussion (30 min)
13.15 – 13.30	Johnson, Stephanie: <i>SEAS5: The new ECMWF seasonal forecast system (B2-06)</i>
13.30 – 13.45	Fröhlich, Kristina: <i>The German Climate Forecast System GCFS2.0 (B2-07)</i>
13.45 – 14.00	Wang, Yiguo: <i>Development and current S2D prediction skill of the Norwegian Climate Prediction Model (B2-08)</i>
14.00 – 14.15	O'Reilly, Christopher: <i>The importance of stratospheric initial conditions on wintertime seasonal predictability in the Euro-Atlantic sector and implications for the signal-to-noise paradox (B2-09)</i>
14.15 – 14.30	Bethke, Ingo: <i>Subtropical North Atlantic preconditioning key to skillful subpolar gyre prediction (B2-10)</i>
14.30 – 14.45	Kadow, Christopher: <i>Can decadal climate predictions be improved by ocean ensemble dispersion filtering? Any impact on seasonal predictions? (B2-11)</i>
14.45 – 16.15	Coffee Break and Poster Session 2
16.15 – 16.30	Polkova, Iuliia: <i>Climate-mode initialization for decadal predictions (B2-12)</i>
16.30 – 16.45	Kitsios, Vassili: <i>Application of normal mode functions for the improved balance in the CAFE data assimilation system and characterisation of modes of variability (B2-13)</i>
16.45 – 17:15	Yeager, Steve (Keynote): <i>Near-term hydroclimate outlooks based on the CESM Decadal Prediction Large Ensemble (B3-01)</i>
17.15 – 17.30	Deser, Clara: <i>How early could the current La Niña have been predicted? (B3-02)</i>
17.30 – 17.45	Luo, Jing-Jia: <i>Multi-year ENSO prediction (B3-03)</i>

WEDNESDAY 19 SEPTEMBER

8.30 – 17:45	Parallel Sessions: Themes A and B	
8.30 – 10.00	<p>S2S session: Theme A4</p> <p>S2S forecasts for decision making</p> <p>North and Center CG</p>	<p>S2D Session: Theme B3 (cont.)/B4</p> <p>S2D forecasts for decision making</p> <p>FL auditorium (streaming South CG)</p>
8.30 – 9.00	White, Chris (Keynote): <i>Applications of sub-seasonal to seasonal (S2S) predictions (A4-01)</i>	
9.00 – 9.15	Baker, Sarah: <i>Developing new watershed-based climate forecast products for hydrologists and water managers (A4-02)</i>	
9.15 – 9.30	Bazile, Rachel: <i>Improving the predictability of streamflow for hydropower production in Canada using S2S ensemble meteorological forecasts (A4-03)</i>	
9.30 – 9.45	Waliser, Duane: <i>Experimental sub-seasonal forecasting of atmospheric river variations for the western U.S. during Winters 2017-2018 and 2018-2019 (A4-04)</i>	
9.45 – 10.00	Büeler, Dominik: <i>Stratospheric influences on European month-ahead wind power generation and its predictability on subseasonal time scales (A4-05)</i>	
10.00 – 10.30	Coffee Break	
10.30 – 10.45	Hudson, Debbie: <i>Forewarned is forearmed: equipping farmers to proactively manage extreme climate events (A4-06)</i>	
10.45 – 11.00	Vintzileos, Augustin: <i>Excessive heat events and health: Building resilience based on global scale subseasonal-to-seasonal excessive heat outlook systems (A4-07)</i>	
11.00 – 11.15	Ndiaye, Ousmane: <i>Predictability of Senegalese sub-seasonal rainfall characteristics using SubX S2S data (A4-08)</i>	
11.15 – 11.30	Plans for S2S Phase 2 Applications	
11.30 – 12.00	Discussion (30 min) Application in S2S Phase 2	
8.30 – 8.45	Smith, Doug: <i>How skilful are decadal climate predictions? (B3-04)</i>	
8.45 – 9.00	Grieger, Jens: <i>Evaluation of re-calibrated decadal hindcast using a common verification framework (B3-05)</i>	
9.00 – 9.15	Squire, Dougal: <i>Skill assessment of the CSIRO multi-year Climate Analysis Forecast Ensemble system (B3-06)</i>	
9.15 – 9.30	Becker, Emily: <i>Prediction of short-term climate extremes using the North American Multi-Model Ensemble (B3-07)</i>	
9.30 – 9.45	Osman, Marisol: <i>Calibration and Combination of NMME precipitation forecast over South America using Ensemble Regression (B3-08)</i>	

9.45 – 10.00	Acharya, Nachiketa: <i>Evaluating a new calibration method for Seasonal Probabilistic Prediction for Indian Summer Monsoon (B3-09)</i>	
10.00 – 10.30	Coffee Break	
10.30 – 10.45	Dobrynin, Mikhail: <i>Potential of combined statistical-dynamical sub-sampling approach (B3-10)</i>	
10.45 – 11.00	Shin, Sang-ik: <i>Room for Improvement in Seasonal-to-Decadal Climate Prediction (B3-11)</i>	
11.00 – 11.30	Tommasi, Desiree (Keynote): <i>Climate Predictions for Fisheries Applications (B4-01)</i>	
11.30 – 11.45	Tourigny, Etienne: <i>Application of operational seasonal prediction systems for seasonal prediction of fire danger: a case study of the extreme wildfire events in California, Spain and Portugal of 2017 (B4-02)</i>	
11.45 – 12.00	Hoell, Andrew: <i>Using Subseasonal to Seasonal Forecast Guidance to Support Famine Early Warning Systems Network International Food Security Assessments (B4-03)</i>	
12.00 – 13.15	Lunch	
13.15 – 14.45	S2S session A7/A8: Stratosphere/Chemistry North and Center CG	S2D session B4 (cont.)/B5: Hindcast and forecast quality assessment FL auditorium (streaming South CG)
13.15 – 13.45	Pawson, Steven (Keynote): <i>Impacts of NASA's Earth Observations on subseasonal and seasonal forecasts (A7-01)</i>	
13.45 – 14.15	Butler, Amy (Keynote): <i>The role of the stratosphere in sub-seasonal to seasonal predictability (A8-01)</i>	
14.15 – 14.30	Alexander, M Joan: <i>Effect of Sudden Stratospheric Warmings on Subseasonal Prediction Skill in the NASA S2S Forecast System (A8-02)</i>	
14.30 – 14.45	Karpechko, Alexander: <i>Predictability of Sudden Stratospheric Warmings in sub-seasonal forecast models (A8-03)</i>	
14.45 – 16.15	Coffee Break and Poster Session 3	
16.15 – 16.30	Domeisen, Daniela: <i>The role of stratosphere - troposphere coupling in sub-seasonal to seasonal prediction using the S2S database (A8-04)</i>	
16.30 – 16.45	Charlton-Perez, Andrew: <i>A signal and noise analysis of stratosphere-troposphere coupling in the S2S models (A8-05)</i>	
16.45 – 17.45	Discussion (1 hr)	
13.15 – 13.30	Kapnick, Sarah: <i>8-Month Snowpack Prediction Potential (B4-04)</i>	
13.30– 13.45	Lehner, Flavio: <i>Harnessing NMME predictions to support seasonal hydrologic prediction (B4-05)</i>	
13.45 – 14.00	Done, James: <i>UDECIDE: Understanding Decision-Climate Interactions on Decadal Scales (B4-06)</i>	

14.00 – 14.15	Towler, Erin: <i>Incorporating decadal predictions into water management (B4-07)</i>	
14.15 – 14.30	Vamborg, Freja S.E.: <i>Seasonal and decadal prediction services of the Copernicus Climate Change Service (C3S) - current status and plans for the future (B4-08)</i>	
14.30 – 14.45	Kolstad, Erik: <i>Co-production of seasonal forecasts: experiences from Norway (B4-09)</i>	
14.45– 16.15	Coffee Break and Poster Session 3	
16.15 – 16.45	DelSole, Timothy (Keynote): <i>Recent Developments in Forecast Quality Assessment (B5-01)</i>	
16.45 – 17.00	Volpi, Danila: <i>Robust evaluation of seasonal forecast quality using teleconnections (B5-02)</i>	
17.00 – 17.15	Strommen, Kristian: <i>Signal and noise in regime systems: understanding NAO predictability (B5-03)</i>	
17.15 – 17:30	Sospedra-Alfonso, Reinel: <i>Canonical skill analysis of tropical Pacific variability in the CCCma decadal hindcasts (B5-04)</i>	
17.30 – 17.45	Düsterhus, André: <i>An advanced score for evaluating seasonal forecast skill (B5-05)</i>	
THURSDAY 20 SEPTEMBER		
8.30 – 12.00	Parallel Sessions: Themes A and B	
8.30 – 10.00	S2S Themes A5/A6 Ocean and land Initialization and processes North and Center CG	S2D Theme B5 (cont.)/B6 Frontiers in earth system prediction FL auditorium (streaming South CG)
8.30 – 9.00	Dirmeyer, Paul (Keynote): <i>The Land Surface “Sweet Spot” Between Weather and Climate (A5-01)</i>	
9.00 – 9.30	Saravanan, Ramalingam (Keynote): <i>The role of the midlatitude ocean in sub-seasonal prediction (A5-02)</i>	
9.30 – 9.45	Davis, Philip: <i>An improved approach to land-surface initialization in the Met Office's Global Seasonal Forecasting System (GloSea) (A5-03)</i>	
9.45 – 10.00	Gudoshava, Masilin: <i>Improved Forecasts through land surface processes during the Rainy Seasons over East Africa (A5-04)</i>	
10.00 – 10.30	Coffee Break	
10.30 – 10.45	Subramanian, Aneesh: <i>Impact of ocean observation systems on ocean analyses and subseasonal forecasts (A6-01)</i>	
10.45 – 11.00	Zhang, Chidong: <i>Sea Ice and Filling Data Gaps for S2S Prediction (A6-02)</i>	
11.00 – 12.00	Discussion (1hr, including impact of observing system)	
8.30 – 8.45	Caron, Louis-Philippe: <i>How skillful are the multi-annual forecasts of Atlantic hurricane activity? (B5-06)</i>	

8.45 – 9:00	Tietsche, Steffen: <i>Making sense of seasonal sea-ice forecasts (B5-07)</i>
9.00 – 9.30	Li, Hongmei (Keynote): <i>Decadal predictability of the ocean carbon uptake variation (B6-01)</i>
9.30 – 9.45	Ilyina, Tatiana: <i>Integration of carbon cycle components into ESM-based prediction systems (B6-02)</i>
9.45 – 10.00	Park, Jong-yeon: <i>Seasonal to multi-annual marine biogeochemical prediction using GFDL's Earth System Model (B6-03)</i>
10.00 – 10.30	Coffee Break
10.30 – 10.45	Lovenduski, Nicole: <i>A change in the forecast: Ocean biogeochemistry over the next decade (B6-04)</i>
10.45 – 11.00	Long, Matthew: <i>Predicting ocean oxygen: capabilities and potential (B6-05)</i>
11.00 – 11.15	Rodgers, Keith: <i>Application of Earth system modeling tools to explore predictability of marine ecosystem stressors (B6-06)</i>
11.15 – 11.30	Bushuk, Mitch: <i>Regional Arctic sea-ice prediction: Potential versus operational seasonal forecast skill (B6-07)</i>
11.30 – 11.45	Sigmond, Michael: <i>Skillful seasonal forecasts of Arctic sea ice retreat and advance dates in a dynamical forecast system (B6-08)</i>
11.45 – 12.00	Imada, Yukiko: <i>ENSO prediction using an earth system model incorporating a high-resolution tropical ocean nesting model (B6-09)</i>
12.00– 13.15	Lunch
13.15 – 17.45	Common S2S/S2D Sessions – CG auditorium
	Session C1 Initialization, initialization shock, model errors
13.15 – 13.45	Karspeck, Alicia (Keynote): <i>Climate Model initialization for near-term climate prediction: A survey of recent advances and anticipated trends (C1-01)</i>
13.45 – 14.00	Balmaseda, Magdalena: <i>Non-linear and non-stationary forecast errors: should we revisit the current forecast strategies? (C1-02)</i>
14.00 - 14.15	O'Kane, Terence: <i>Coupled data assimilation and ensemble initialization with application to multi-year ENSO prediction (C1-03)</i>
14.15 - 14.30	Kirtman, Ben: <i>Sub-seasonal to Decadal Predictability and Prediction with an Ocean Eddy Resolving Global Coupled Model (C1-04)</i>
	Session C2 Research to operations
14.30 - 14.45	Christensen, Hannah: <i>From reliable initialised forecasts to skilful climate projection: a dynamical systems approach (C2-01)</i>

14.45 – 16.15	Coffee Break and Poster Session 4
16.15 - 16.45	Watkins, Andrew (Keynote): Title TBD (C2-02)
16.45 – 17.00	Reynolds, Carolyn: <i>US Navy's Earth System Prediction Capability Effort</i> (C2-03)
17.00 - 17.15	Crawford, Todd: <i>Transferring Science to practice: nearly two decades of seasonal forecasting for weather-sensitive industry</i> (C2-04)
	Session C3 Time Scale interactions
17.15 - 17.30	Koh, Tieh Yong: <i>Multi-scale interactions in a high-resolution tropical-belt experiment using WRP model</i> (C3-01)
17.30 - 17.45	Wang, Simon: <i>North America winter circulation regime change and implications on S2S/S2D</i> (C3-02)
FRIDAY 21 SEPTEMBER	
8.30 – 12.00	Common S2S/S2D Sessions – CG auditorium
8.30 – 9.00	Kimoto, Masahide (Keynote): <i>Predictability of blocking and tropical cyclone activities? An assessment with a large ensemble simulation</i> (C3-03)
9.00 – 9.15	Woollings, Tim: <i>Relating winter NAO skill to jet variability across timescales</i> (C3-04)
9.15 – 9.30	Weisheimer, Antje: <i>Seasonal Forecasts of the 20th Century: Multi-Decadal Variability in Predictive Skill of the Winter NAO</i> (C3-05)
9.30 – 9.45	Henderson, Stephanie: <i>The role of tropical-extratropical interactions on the optimal growth of Madden-Julian Oscillation events</i> (C3-06)
9.45 – 10.00	Karmakar, Nirupam: <i>Impact of intraseasonal oscillations on onset and demise of the Indian summer monsoon rainfall</i> (C3-07)
10.00 – 10.30	Coffee Break
10.30 – 12.00	Wrap up discussions