



Annual Seminar 2019

Subseasonal and seasonal forecasting: recent progress and future prospects



Poster presentation schedule

Monday 2 September 2019

18:00-19:00

Changes in the Sub-seasonal Predictability of the Extratropical Circulation anomalies within the boreal winter season	Muhammad Adnan Abid (International Centre for Theoretical Physics - ICTP)
Forecasting the onset of rainy season for African farmers	Bob Ammerlaan (Weather Impact BV)
Effect of Sea Ice Thickness Initialisation on Sub-seasonal to Seasonal Forecasting	Beena Balan Sarojini (ECMWF)
An Introduction to FGOALS-f2 S2S prediction system	Qing Bao (Institute of Atmospheric Physics, Chinese Academy of Sciences)
Seasonal forecasting skill of the Indian monsoon and its onset in the ECMWF seasonal forecasting system 5 (SEAS5)	Amulya Chevuturi (University of Reading)
Defining a configuration for the Brazilian global sub-seasonal prediction system	Caio Coelho (CPTEC/INPE)
ACCESS-S1 multi-week and seasonal forecasts for New Zealand shelf seas	Catherine de Burgh-Day (The Australian Bureau of Meteorology)
Investigating forecast lead times of Indian monsoon low-pressure systems in the Subseasonal-to-Seasonal models	Akshay Deoras (University of Reading)
Sub-seasonal forecasts over Europe for the energy sector: current forecast status and an insight into model error	Joshua Dorrington (University of Oxford)
New monthly oceanic operational system	Clotilde Dubois (Mercator Ocean international / Météo France)
The Madden-Julian Oscillation, the Euro-Mediterranean Weather regimes and Morocco winter precipitation	Fouad Gadouali (Direction de la Météorologie Nationale-Maroc)

Tuesday 3 September 2019

17:10-18:00

Sources of seasonal predictability in the Mediterranean	Ignazio Giuntoli (CNR Italian National Research Council)
CMA Global Reanalysis: Progress and Status	Lipeng Jiang (National Meteorological Information Center)

Improved QBO teleconnection due to reduced model circulation biases	Alexey Karpechko (Finnish Meteorological Institute)
ENSO modulation of MJO teleconnection to the North Atlantic & Europe and implications for subseasonal predictability	Robert Lee (University of Reading)
Evaluation and comparison of the Chinese reanalysis products with other reanalyses	Jingwei Liu (China Meteorological Administration - CMA)
Future projection of Atmospheric Circulation over Central Asia and Uzbekistan using an ensemble of CMIP5 projection	Gavkhar Mamadjanova (University of Birmingham)
The S2S Museum – a website of ensemble forecast products	Mio Matsueda (Center for Computational Sciences, University of Tsukuba)
GEOS S2S Version 3: The New GMAO High Resolution Seasonal Prediction System	Andrea Molod (NASA/GMAO)
Towards Typhoon forecasting in the S2S time scale	Masuo Nakano (JAMSTEC)
How can deep-learning assist physical modelling and forecasting?	Sungmn O (Max Planck Institute for Biogeochemistry)
SEAS5-20C: Biennial (24-month long) hindcasts for the 20th Century	Antje Weisheimer (ECMWF)
Wednesday 4 September 2019	
18:00-19:00	
Preliminary results of introducing soil moisture data assimilation to the JMA Global Ensemble Prediction System	Kenta Ochi (Japan Meteorological Agency)
iColt: results from the summer operational seasonal predictions of irrigation water need in Emilia-Romagna	Valentina Pavan (ARPAE-SIMC)
Calibration of ECMWF SEAS5 precipitation forecasts in Java (Indonesia) using statistical post-processing of precipitation and climate indices	Dian Ratri (KNMI)
Atmosphere-ocean response on boundary layer roll during cold air outbreaks	Danqin Ren (Uppsala University)
The wintertime North Atlantic response to increased ocean model resolution in the IFS across timescales	Chris Roberts (ECMWF)
Categorized correction forecast for accumulative precipitation of heavy rainfall processes based on optimal probability (OPPF) in medium-extended-range forecast time	Niu Ruoyun (National Meteorological Center, China Meteorological Administration)
Mechanisms and predictability of Sudden Stratospheric Warming in winter 2018	Irina Statnaia (Finnish Meteorological Institute)
Impact of applying two-tiered sea surface temperature approach to Global Ensemble Prediction System	Toshinari Takakura (Japan Meteorological Agency)
Sub-seasonal Atmospheric Predictability: Understanding the Role of Diabatic Outflow (SPREADOUT)	Jan Wandel (Institute for Meteorology and Climate Research (IMK-TRO), KIT)
Comparison of Summer Persistent Heavy Rainfalls and their Atmospheric Circulation Characteristics in the middle and lower reaches of the Yangtze	Xiaolin Zhao (National Meteorological Centre, China Meteorological Administration)