

Scientific Workshop

PROGRAMME

Day 1: Monday 17 Mar 2014

14:30 Registration

15:30 Welcome

16:30 High tea

Session 1: High-impact weather, e.g. TC's and monsoon

17:00-**Dr Hui Yu | CMA, China** | "Keynote 1: Operational practice and some recent research progresses in tropical cyclone forecast verification in the western North Pacific region

17:35-**Dr Raghavendra Ashrit | NCMRWF, India** | Cases of Extreme Rainfall during Monsoon and their Verification

18:10-**Dr Y.V. Rama Rao et al. | IMD, India** | Evaluation of TIGGE Data for Tropical Cyclone Forecasts over Indian region

18:30 Discussion

18:40 Icebreaker

Day 2: Tuesday 18 Mar 2014

Session 2: Ensembles and high-resolution modelling

9:00-**C.A.T. Ferro | Reading University, UK** | Keynote: What makes a good ensemble forecast

9:35-**Dr S K Roy Bhowmik | IMD, India** | Verification of Multi-Model Ensemble (MME) based District Level Medium Range Rainfall Forecasts over Indian region

9:55-**Dr Felix Fundel | DWD, Germany** | Cloud patch matching and tracking for the verification of an ensemble prediction system

10:15-**Dr Kamaljit Ray et al. | IMD, India** | The Operational System of Convective Weather Nowcast in India and its Verification

10:35 Tea/coffee

Session 2: (continued)

11:05-**Ms. Tara L. Jensen et al. | NCAR, USA** | Keynote: Understanding Individual and Ensemble Forecast Behavior Using the Method for Object Based Diagnostic Evaluation (MODE)

11:40-Dr **Elizabeth Ebert et al.** | **CAWCR, Australia** | Spatial verification of high-resolution models of precipitation

12:00-Dr **Anumeha Dube et al.** | **NCMRWF, Noida, India** | Global Ensemble Forecast System (NGFS) at NCMRWF: Bias Correction and Verification

12:20-Dr **Mark J. Rodwell** | **ECMWF, UK** | The use of verification in the assessment and calibration of ensemble forecasts: An operational perspective

12:40 Discussion

12:50 Lunch

Session 3: User-specific/relevant verification

13:50-Dr **Adriaan Perrels** | **FMI, Finland** | Keynote: What makes a forecast valuable

14:25-Dr **Zied Ben Bouallegue** | **DWD, Germany** | Verification of weather quantile-forecasts for energy application

14:45-**Ms Subekti Mujiasih and Danang Eko Nuryanto** | **BMKG, Indonesia** | Utilisation of categorical and continuous combination for wave model verification


15:05-**Ms Neetha K. Gopal et al.** | **IMD, India** | Verification of Aviation forecasts by India Meteorological Department

15:25-Dr **Barbara Brown et al.** | **NCAR, USA** | Is change good? Measuring the quality of revised forecasts

15:45 Discussion

15:55 Poster viewing + tea/coffee

Session 4: Methods and uncertainty

17:00-Dr **Chen Jing and WU Zhipeng** | **CMA, China** | A new verification method for persistent heavy rainfall prediction based on ensemble forecast **Abstract** 

17:20-Dr **Andreas Roepnack** | **DWD, Germany** | Bayesian model verification-Predictability of convective conditions based on EPS forecasts and observations

17:40-Dr **Daniel Cattani et al.** | **Meteoswiss, Switzerland** | Global forecast quality score for administrative purposes

18:00-Dr **Martin Gober et al.** | **DWD, Germany** | Verification of the linguistic uncertainty of warning uncertainty 20:00-Workshop dinner

Day 3 : Wednesday 19 Mar 2014

Session 4: (continued)

9:00-Dr **Manfred Dorninger and Theresa Gorgas** | **University of Vienna, Austria** | "Keynote: Uncertain observations - a challenge for verification issues "

9:35-Mr **V.R Durai** and **S.K. Roy Bhowmik** | **IMD, India** | Investigation of Statistical Bias Correction Methods for NWP forecasts of maximum and minimum temperatures 9:55-Discussion

Poster session 2

10:05 Tea/coffee + poster viewing

Session 5: Dr. L. Wilson | CWC, Canada | Project presentations

11:05 Project presentations

12:30 Lunch

Session 6: Verification systems and tools

13:30-Dr **B.P.Yadav et al.** | **IMD, India** | Keynote: Operational Forecast Verification at India Meteorological Department

14:05-Dr **Pertti Nurmi** | **FMI, Finland** | Forecast Verification Framework of the Sochi 2014 Winter Olympics

14:25-Dr **Paul A. Kucera et al.** | **NCAR, USA** | Verification of an Operational Forecasting System Developed for a Desert Region

14:45-Dr **Krishna AchutaRao et al.** | **IIT, India** | A Python based Diagnostic Framework at NCMRWF

15:05 Discussion

15:15 Tea/coffee

Session 7: Data sets

15:45-Mr **Surendra Rauniyar** | **CAWCR, Australia** | Evaluation of satellite rainfall climatology over the Maritime Continent Region based on the large-scale circulations

16:05-Dr **A.K Mitra et al.** | **NCMRWF, India** | Preparation of Merged Gridded Rainfall Dataset for Seamless Model Verification/Development for Monsoon: Days to Season

16:25-Mr **M. I. Ansari et al.** | **IMD, India** | Quality Observations- A Verification in case of GPS based Radiosonde data

16:45 Discussion and wrap-up

17:00 Close
