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)
Dr Elizabeth Ebert et al. | CAWCR, Australia | Spatial verification of high-resolution models of precipitation

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

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

Discussion

Lunch

Session 3: User-specific/relevant verification

Dr Adriaan Perrels | FMI, Finland | Keynote: What makes a forecast valuable

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

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

Ms Neetha K. Gopal et al. | IMD, India | Verification of Aviation forecasts by India Meteorological Department

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

Discussion

Poster viewing + tea/coffee

Session 4: Methods and uncertainty

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

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

Dr Daniel Cattani et al. | Meteoswiss, Switzerland | Global forecast quality score for administrative purposes

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)

Dr Manfred Dorninger and Theresa Gorgas | University of Vienna, Austria | “Keynote: Uncertain observations - a challenge for verification issues”
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