

## Programme for the Joint COST Action 731 and NetFAM Workshop on Uncertainty in High-Resolution Meteorological and Hydrological Models

Vilnius, Lithuania, 26-28 April 2006

### Wednesday, April 26th

09:30 - 10:00 Registration

10:00 - 10:15 Workshop Opening

Welcome Note - by prof. Kęstutis Kilkus, Dean of Faculty of Natural Sciences

### Morning Session - Observations and Applications

Chaired by Christian KEIL, DLR Institute of Atmospheric Physics

10:15 - 11:00 ***Treatment and impact of specification of errors in data assimilation***

Susan BALLARD, The University of Reading, United Kingdom

11:00 - 11:30 Tea/Coffee

11:30 - 12:00 ***Comparison of the forecast background errors for nested grids in COAMPS system***

Bogumil JAKUBIAK, Warsaw University, ICM, Poland

12:00 - 12:30 ***Current state of radar data assimilation at Météo-France***

Olivier CAUMONT, Météo-France/CNRS, France

12:30 - 14:00 Lunch

### Afternoon Session

Chaired by Uta GJERTSEN, Norwegian Meteorological Institute

14:00 - 14:30 ***Using HIRLAM data to forecast weather radar propagation conditions***

Joan BECH, Meteorological Service of Catalonia, Spain

14:30 - 15:00 ***Notes on verification of radar radial winds***

Kirsti SALONEN, Finnish Meteorological Institute, Finland

15:00 - 15:30 ***Radar data quality control procedures in the VOLTAIRE project applied to data from Switzerland, Cyprus and Spain***

Thomas EINFALT, einfalt & hydrotec GbR, Germany

15:30 - 16:00 Tea/Coffee

16:00 - 16:30 ***Radar data for high resolution NWP***

Malcolm KITCHEN, Met Office, United Kingdom

16:30 - 17:00 ***Ensemble radar precipitation estimation in a mountainous region***

Urs GERMANN, MeteoSwiss, Switzerland

17:00 - 17:30 ***Radar rainfall assimilation and short-range QPF in a high-resolution ensemble prediction system: a case study of summer convection***

Andrea ROSSA, Regional Agency for Environmental Prevention and Protection in Veneto, Italy

18:30 Guided Vilnius Walking Tour

## Thursday, April 27th

### Morning Session - Ensemble Prediction Systems and Verification

Chaired by Lauta RONTU, Finnish Meteorological Institute

- 09:00 - 09:45 **MOGREPS - The Met Office Short-range Ensemble Prediction System**  
Ken MYLNE, Met Office, United Kingdom
- 09:45 - 10:30 **Experience with operational LAMEPS at met.no**  
Trond IVERSEN, Norwegian Meteorological Institute, Norway
- 10:30 - 11:00 **Multimodel Ensemble Prediction System at INM**  
Jose A. GARCIA-MOYA, Instituto Nacional de Meteorologia (INM), Spain
- 11:00 - 11:20 Tea/Coffee
- 11:20 - 11:50 **Entity-based verification and uncertainty issues**  
Pertti NURMI, Finnish Meteorological Institute, Finland
- 11:50 - 12:20 **Experiences in calibration of EPS forecasts**  
Juha KILPINEN, Finnish Meteorological Institute, Finland
- 12:50 - 12:50 **Probabilistic approach in comparative verification of high resolution models**  
Kees KOK, Royal Netherlands Meteorological Institute (KNMI), Netherlands
- 12:50 - 14:00 Lunch

### Afternoon Session

Chaired by Michael BRUEN, University College Dublin

- 14:00 - 14:45 **Hydrologic Ensemble Prediction: challenges and opportunities**  
John SCHAAKE, U.S. National Weather Service, USA
- 14:45 - 15:30 **Evaluation of operational hydrological ensemble forecasts in Sweden**  
Jonas OLSSON, Swedish Meteorological and Hydrological Institute, Sweden
- 15:30 - 16:00 **Verification of hydrological ensemble forecasts**  
Emmanuel ROULIN, Institut Royal Météorologique de Belgique, Belgium
- 16:00 - 16:30 Tea/Coffee
- 16:30 - 17:00 **Ensemble 10 days Streamflow forecast over France with the SAFRAN - ISBA - MODCOU chain**  
Eric MARTIN, Météo-France, France
- 17:00 - 18:00 **Final discussion**  
Chaired by Andrea ROSSA, Regional Agency for Environmental Prevention and Protection in Veneto
- 19:30 Workshop Dinner

## Friday, April 28th

COST Action 731 WG and MC Meeting at Europa City Hotel

NetFAM Meeting at Lithuanian Hydrometeorological Service