

Presentation 20

Requirements and applications of hydrologists for weather radar data – the work of EU COST-717

(Dr. Michael Bruen, University College Dublin, Centre for Water Resources Research)

Presentation 21

Flood forecasting and flood relief actions

(Peter Kaiser, International Red Cross, European Competence Centre Water)

Questions and Answers

Closing Remarks

18.00

CLOSE OF DAY 2 and CLOSE OF WORKSHOP

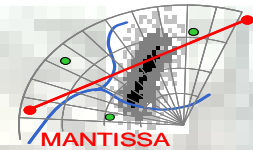


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Take the subway from Helsinki centre to Rastila. In Rastila, take the bus no. 96 (in the evenings also 90B) to the direction of Ramsinniemi (ask the driver). The buses go every 10 minutes, approximately. Detailed timetables are available at the website of Helsinki City Transport at www.hel.fi/hkl under Timetables

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EUROPEAN WORKSHOP ON

New Tools for Flood Forecasting and Warning

Objective: to report on the results and achievements of CARPE DIEM, MANTISSA and MUSIC European Projects and discuss them in the context of future flood research and development in Europe.

Venue: Unitas Conference Centre, Helsinki, Finland



Date: 22 & 23 June 2004

WORKSHOP ORGANISERS

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DAY 1 **Tuesday, 22nd June 2004**

SESSION 1 The European Context

CHAIR: Dr Jarmo Koistinen

Chairman's Welcome and Introduction

Keynote address:

The Future of Flood Research in Europe

Dr Andrea Tilche, European Commission

Presentation 1

European Flood Research in a Global Context

Michel Jarraud, WMO

Presentation 2

Towards a European Science Platform for Flood Research

Professor Chris Collier, University of Salford

COFFEE

Presentation 3

The HEPEX Project Towards a measure of flood forecasting uncertainty,

Roberto Buizza, ECMWF

Presentation 4

The National Flood Research Programmes in Europe

(possibly someone not from the UK)

12.30 LUNCH

SESSION 2 Observational Techniques

CHAIR: Dr. Pier Paolo Alberoni

Presentation 5

Integrating different precipitation measurements for improved flood forecasting

(MUSIC team)

Presentation 6

Improving radar reflectivity information extraction

(Jarmo Koistinen, Heikki Pohjola, Joan Bech & David Bebbington)

Presentation 7

Observing precipitation using dual frequency microwave communication links

(Michele D'Amico, John Goddard, Anthony Holt, Graham Upton)

Presentation 8

Improving radar Doppler wind information extraction

(Anthony Holt, Y.K. Goh, Gunther Hasse)

Questions and Answers with panel of Session 2 speakers.

15.50 COFFEE

SESSION 3 Meteorological and Hydrological modelling

CHAIR: Professor Chris Collier

Presentation 9

The development and use of the Water Aspects Hydrological model

(Morten Grum, Hans Reinhart Verworn, Gavin Robbins, Stefan Kraemer)

Presentation 10

Distributed catchment modelling as the basis for improving flood forecasting

(MUSIC team)

Presentation 11

Assimilation of radar data in NWP

(CARPE DIEM TEAM – AREA 1)

Presentation 12

Questions and Answers with panel of Session 3 speakers.

18.00 CLOSE OF DAY 1

THE VAISALA COMPANY WILL KINDLY HOST A DELEGATE DINNER THIS EVENING.

DAY 2 **Wednesday 23rd June 2004**

SESSION 4 End Users Round table

CHAIR: Prof. Michael Bruen

Starting of the session

12.30 LUNCH

SESSION 5 End Users Needs, Applications and Perspective

CHAIR: Professor Ezio Todini

Presentation 13

Review of results and discussions from the 2003 workshop

Review of the morning session (NUID)

Presentation 14

Operational Water Management for an Urban Drainage System

(Axel Redder, Chris Collier, Hans Reinhart Verworn)

Presentation 15

Enhancing visual products aiming at improved end users participation

(MUSIC Team)

Presentation 16

Assessing and describing flood forecasting uncertainty to end users

(MUSIC Team)

Presentation 17

Real Time flood forecasting in Slovakia: the POVAPSYS Project

(Karol Martinka)

15.40 COFFEE

Presentation 18

Real Time flood forecasting in Venezuela: the VENHEMET Project

(Tirso Carballo)

Presentation 19

Operational flood forecasting and warning in the UK Environment Agency

(Mervyn Bramley, Environment Agency)