

COST

The delegate fee for attendance at this major event is only €200.00 which includes refreshments and all Workshop documentation. To register your attendance, visit www.arpcconsortium.org and follow the floating headline link.

ACCOMMODATION

Accommodation has been reserved at the Unitas Congress Centre where a single room costs €76.00 per night. See the full programme for details.

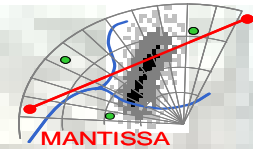


The Unitas Congress Center is located in eastern Helsinki in Meri-Rastila, 15 km from the centre of Helsinki and Helsinki-Vantaa airport.

Public transportation

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/hki under Timetables

FULL PROGRAMME AND DETAILS OF REGISTRATION AVAILABLE FROM
www.arpcconsortium.org



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

The Advanced Research Partnership
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DAY 1 **Tuesday, 22nd June 2004**

SESSION 1 The European Context

CHAIR: Dr Jarmo Koistinen

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 (tbc)

Presentation 2

Towards a European Science Platform for Flood Research, Professor Chris Collier, University of Salford

Presentation 3

The HEPEX Project Towards a measure of flood forecasting uncertainty, Roberto Buizza, ECMWF

Presentation 4

Requirements and applications of hydrologists for weather radar data – the work of EU COST-717, Professor Michael Bruen, University College Dublin

SESSION 2 Observational Techniques

CHAIR: Dr. Pier Paolo Alberoni

Presentation 5

Integrating different precipitation measurements for improved flood forecasting
Ronald Hannesen, Vincenzo Levizzani, Cinzia Mazzetti

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 Haase

Questions and Answers with panel of Session 2 speakers.

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, Mario Lloyd Martina, Ezio Todini

Presentation 11

Assimilation of radar data in NWP, (CARPE DIEM TEAM – AREA 1)

Presentation 12

Assessing and describing flood forecasting uncertainty to end users, Ezio Todini, Alberto Montanari & Patrick Enda O'Connell

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: Professor Michael Bruen

Starting at 09.00 until lunch break

SESSION 5 End Users Needs, Applications and Perspective

CHAIR: Professor Ezio Todini

Presentation 13

Operational Water Management for an Urban Drainage System, Axel Redder, Chris Collier, Hans Reinhart Verworn

Presentation 14

Enhancing visual products aiming at improved end users participation, Mikael Jern & Gianni Pani

Presentation 16

Real Time flood forecasting in Slovakia: the POVAPSYS Project, Katarina Hajtasova & Karol Martinka

Presentation 17

Real Time flood forecasting in Venezuela: the VENHEMET Project, Tirso Carballo (tbc)

Presentation 18

Operational flood forecasting and warning in the UK Environment Agency, Jonathan Chapman, Environment Agency

Presentation 19

Real time flood forecasting in Switzerland, Swiss Federal Office for Water & Geology

Presentation 20

Flood forecasting and flood relief actions, Peter Kaiser, International Red Cross

Questions and Answers

CLOSE OF WORKSHOP AT 17.45 hrs.