



**International WORKSHOP
on
“Quality Assurance of Micro-Scale Meteorological Models”**

June 3 to 5, 2009

University of Hamburg, Bundesstraße 53 and 55, D-20146 Hamburg/Germany

Wednesday, June 3, 2009

18:00 – 21:00 Get together: Cheese and Wine in Hamburg University’s Wind Tunnel Facility

Thursday, June 4, 2009

08:45 – 09:00 Welcome, Motivation for the workshop

Michael Schatzmann

A) Model Evaluation Activities World Wide

09:00 – 09:30 Evaluation Activities for CFD codes in general

William Oberkampff

09:30 – 10:00 Evaluation Activities for URBAN Non-CFD codes

Steve Hanna

10:00 – 10:30 Evaluation Activities for URBAN CFD codes

Ryuichiro Yoshie

10:30 – 10:45 Evaluation Activities for URBAN LES codes

Gopal Patnaik

10:45 – 11:15 Coffee/ Tea

B) Model Evaluation Activities in Europe: COST 732

11:15 – 11:35 COST 732 - Background and Justification Document

Ana Margarida Costa

11:35 – 11:55 COST 732 - Evaluation Guidance and Protocol Document

Rex Britter

11:55 – 12:15 COST 732 - Best Practice Guideline

Bertrand Carissimo

12:15 – 12:35 COST 732 - Metrics and Evaluation Tool

Ruwim Berkowicz

12:35 – 14:00

Lunch

C) Application of the COST 732 Evaluation Strategy

14:00 – 14:30 COST 732 - Data for Model Validation – MUST Case *Bernd Leidl*

14:30 – 15:00 Non-CFD Codes Applied to MUST Data *Kathrin Baumann-Stanzer*

15:00 - 15:30 Atmospheric RANS and Lagrangian Models *Silvia Trini-Castelli*

15:30 – 16:00 CFD RANS Codes Applied to MUST Data *Silvana Di Sabatino*

16:00 – 16:30 Coffee/ Tea

16:30-18:00 Structured Discussion (Laboratory/Field Data, Fitness for Purpose,)

19:30 Workshop Dinner im Hamburger Segel-Club, An der Alster 47a

Friday, June 5, 2009

09:00 – 09:30 COST 732 - Data for Model Validation – Oklahoma Case *Bernd Leidl*

09:30 – 10:00 CFD RANS Codes Applied to Oklahoma Data *Jörg Franke*

10:00 – 10:30 Lessons learnt during the Evaluation Activities *Helge Olesen*

10:30 – 11:00 Coffee/ Tea

D) Response and Critique from the Scientific Community

11:00 – 13:00 Panel Discussion, Evaluation of the COST 732 work
Ian Castro
Steve Hanna
Sylvain Joffre
William Oberkampf
Finn Palmgren
Gopal Patnaik
Ryuichiro Yoshie

13:00 – 14:30 Lunch

14:30 - 15:30 Internal Meeting, COST 732 MC and WGs, Evaluation Panel, COST Office

15:30 – 16:00 Coffee/ Tea