CALL FOR PAPERS

With this call for papers we cordially invite you to the

1st International Workshop of EULAG Users

in

Bad Tölz, Germany from 6 till 10 October 2008

The main idea of this workshop is to provide a forum to exchange information and ideas among EULAG users. For users and other colleagues interested to deepen their knowledge of EULAG, we offer five tutorials covering essential physical, mathematical and numerical aspects of EULAG. As part of the priority program of German Science Foundation (DFG) "MetStröm" we plan a session about aspects of multi-scale numerical simulations of geophysical flows open for all interested scientists working in this area of research.

In 2006 and 2007, we held small informal gatherings at NCAR among the primary developers of EULAG. These true working events turned out to be fruitful for the further development of the numerical code. Therefore, the idea emerged to organise a larger meeting providing an inspiring venue for exchanging information and ideas among all EULAG users. It appears that there are already more than ten research groups all over the world using EULAG for studies in diverse areas of fluid dynamics. Their EULAG clones tend to diverge rapidly due to customized developments. Therefore, one of the primary purposes of the 1st Workshop of EULAG Users is to outline the current status of the various developments, to inform all users what is available, and thus to prevent unnecessary duplication of effort. We anticipate this exchange will lead to an updated master code.

We envision this workshop as a practical event, rather than a formal conference. We plan on 20 minutes presentations summarizing the scope of work, achievements and difficulties. The latter one is particularly important as some of such could have been solved already by others.

There will be enough time to discuss the individual presentations with the participants. As a kind of key notes, we offer the following 90 min tutorials on the five days of the workshop:

Mon, Oct 6	P. K. Smolarkiewicz (NCAR)	EULAG: High-resolution Computational Model of Multi-scale Geophysical Fluid Dynamics
Tue, Oct 7	N. P. Wedi (ECMWF)	Some Reference Simulations from Laboratory to Planetary Scale
Wed, Oct 8	W. W. Grabowski (NCAR)	Moist Processes
Thu, Oct 9	J. M. Prusa (Iowa State University)	Adaptive Grid Transformations and Generalized Coordinates in EULAG
Fri, Oct 10	A. A. Wyszogrodzki (NCAR)	Parallelization and Data Structure of EULAG

All interested parties are cordially invited to attend. We require that those who wish to make a presentation on EULAG related issues have hands-on experience with the numerical code or its modules.

Otherwise, we welcome presentations about aspects of multi-scale numerical simulation of geophysical flows for our science session.

Venue

The workshop will take place in the room "Brauneck" inside the Posthotel "Kolberbräu" in Bad Tölz, Germany:

Posthotel Kolberbräu
Marktstraße 29
D - 83646 Bad Tölz
Germany

Phone:: ++49 (0)8041/7688-0
Fax: ++49 (0)8041/7688-200

Email: info@kolberbraeu.de
WEB: www.kolberbraeu.de

The hotel is located directly downtown Bad Tölz in the historical market street (traffic-free zone) with view on the Alps.

During the meeting, we serve soft drinks and snacks. On Wednesday, a three-course dinner will be served. There is no additional charge for participants as we expect the majority of us will stay in the hotel during the time of the meeting.

Accommodation

Accommodation is available in the hotel. We blocked 25 rooms till 30 May 2008 for a rate of 59 € (approx. $ 75) per night inclusive breakfast. Most of the rooms are arranged in the typical Bavarian style and equipped with bathroom, TV, telephone and analogue internet access. Internet High-Speed WAL is available in the meeting room.

How to get to Bad Tölz?

We recommend to fly to Munich International Airport or to take a train to Munich Main Station. From both places there is easy public transportation to Bad Tölz.

Connection to Munich City by S-Bahn:

The **S1** and **S8** go frequently between the airport and Munich City center. On both lines, the journey between the airport and Munich Main Station takes just 40 minutes. For schedule information contact:

http://www.mvv-muenchen.de/en/home/passengeraeinformation

Exit the trains at Donnersberger Brücke (2 stops before or after Munich Main Station). From there, take the

Bayrische Oberlandbahn http://www.bayerische-oberlandbahn.de

directly to Bad Tölz (approximately 50 minutes ride). We recommend using a taxi for the short (5 min) ride to the hotel.

If you plan to rent a car at Munich Airport, ask at the desk for directions to the Bad Tölz. The Posthotel "Kolberbräu" has it own parking spot behind the building.

Alternatively, the hotel offers a shuttle service from Munich Airport to Bad Tölz. As the costs amount to about 140 €, this service makes sense for a group of 4 to 5 people.

Deadlines and Key Dates

15 March 2008	Registration for the meeting and submission of short and informative abstracts
30 May 2008	Reservation ends for the blocked rooms
6 – 10 October 2008	Meeting

Local Contacts

Andreas Dörnbrack   Sonja Mandelartz
Institut für Physik der Atmosphäre
DLR Oberpfaffenhofen
D – 82234 WESSLING
GERMANY
Phone: ++49 8153 28 2588   ++49 8153 28 2504
FAX: ++49 8153 28 1841   ++49 8153 28 1841
andreas.doernbrack@dlr.de   sonja.mandelartz@dlr.de