

1st GEOMON modeling workshop

- Date: 11/12 October 2007
- Where: Paris, France
Location: Paris (**meeting room of Service d'Aéronomie**)
Service d'Aéronomie, Université P & M Curie,
Tour 45-46, 4th floor
4 place Jussieu 75005 Paris – Metro Jussieu
Map of the campus of Jussieu http://www.upmc.fr/FR/info/Venir_UPMC/05
Metro map and further details on transportation in and around Paris can be found at <http://www.ratp.fr/>
- contact Michael Schulz and Sophie Szopa (michael.schulz@lsce.ipsl.fr / sophie.szopa@lsce.ipsl.fr)

Some hotels in the vicinity.

□ Hotel Port-Royal

8, bd de Port-Royal, 75005 Paris

Tel : 33 1 43 31 70 06

Fax : 33 1 43 31 33 67

www.hotelportroyal.fr

Price: 50 to 75 euros

□ Hotel Gay Lussac

29, rue Gay-Lussac, 75005 Paris

Tel : 33 1 43 54 2396

Price: about 60 euros

□ Hotel de Senlis

7, rue Malebranche, 75005 Paris

Fax 33 1 43 29 00 24

Price: about 60 euros

□ Hotel Comfort Inn Mouffetard

56 r Mouffetard 75005 Paris

Tel: 33 1 43 36 17 00

<http://www.comfort-mouffetard.com/>

Price: about 100 euros

Goals of workshop:

- Refine work plan to produce model based tracer **climatologies** (tropospheric chemistry, aerosol, stratospheric ozone) What are the user requirements for such climatologies? In what way do users wish to see and use model results: (station data extraction from model runs; seasonal cycles; diurnal cycles; colored tracer results for different sources; interannual variation; error in these results; model documentation)
- Compare **modelled trends** in atmospheric trace substances over the last 40 years between models and data
- Review **validation of chemical weather forecast** and define data needs to improve it. How can rapid delivery (RD) data products of GEOMON be used together with model products? Are there examples available? Can we establish pilot products with the initial RD data?
- What will be the GEOMON **modelling outreach products** in support of GEOMON goals (optimal network design, data gap filling, reanalysis, SR relationships, air quality and climate prediction)
- Identify **assimilation** techniques and model/data integration techniques and the possible cross-subject cooperation among partners. What will be the assimilation products at the end of the project?
- What is needed for the **technical implementation**? Documentation of models? Common model database? Assembly of analysis tools? Export of products to GEOmon database? How does the dataflow diagramme look like for activity5?

Time	Topic	Who
Thursday 13.30	Welcome, Round table, Overview of tasks, milestones and deliverables in Activity 5 with focus on first 18 months	Michael Schulz
14.00	Geomon data (What kind of data/ when.../ availability and use of the NILU database)	Christiane Textor
14.15	Workpackage 5.1 - Evaluation of forward models with Geomon data	Peter van Velthoven (Presentation/Animation)
15.30	Definition of the time-schedule of the actions for the next 12 months for WP5.1/ plan for the D5.1.2 report + perspective after month 18	P. van Velthoven Rapporteur: <i>I. Isaksen</i>
16.00	Coffee break	
16.30	Workpackage 5.2 - 4-D Climatologies of GEOMON data and space-borne observations	Michael Schulz (Presentation/Animation)
17.30	- What are the needs from other activities regarding modelling climatologies? Discussion	H. Roscoe <i>Other activity leader?</i>
18.00	Definition of the time-schedule of the actions for the next 12 months for WP5.2 + plans for the D5.2.1 (Schulz) and D5.2.3 (Bekki) reports + status of D.2.2 (Beekmann)	M. Schulz Rapporteur : S. Bekki
18.30	End of the 1st day	

Evening Dinner

Friday 9.00	Workpackage 5.3 Analysis of long term trends	Martyn Chipperfield (Presentation/Animation)
10.00	Definition of the time-schedule of the actions for the next 12 months for WP5.3 + plans for reports D5.3.1 (Chipperfield) and D5.3.3 (Szopa)	M. Chipperfield Rapporteur : S. Szopa
10.30	Coffee break	
11.00	Workpackage 5.4 Network design and source and sink estimates	Matthias Beekmann (Presentation/Animation)
12.00	Definition of the time-schedule and actions for the next 12 months for WP5.4 + status regarding the D5.4.1 + plans for the D5.4.2 and D5.4.3 reports	M. Beekmann Rapporteur: <i>TBD</i>
12.30	Conclusions Links with other activities Review of WP action plans (each rapporteur) Next 18 month plan	M. Schulz
13.30	End	

List of Participants

Confirmed :

Christiane Textor
M. Schulz / S. Szopa / J. Griesfeller (LMDz-INCA)
P. van Velthoven / P. Siegmund (TM5)
M. Beekmann (CHIMERE)
M. Chipperfield (SLIMCAT)
S. Bekki (LMDz-REPROBUS)
P. Rayner
F. Meleux (CHIMERE)
H. Roscoe
P. Keckhut
L. Menut (CHIMERE) (only the 12th)
M. Maziere (link with activity 4)

No answer yet or not confirmed:

(please contact Sophie or Michael to confirm urgently!!)

I. Isaksen (CTM2)

P. Monks (?)

Others??

Not able to attend the meeting

P. Bultjes
P. Bousquet