

## Annual GTP meeting 2008/10/24

*In attendance:* Aimé Fournier; Jack Herring; Steve Oncley; Ned Patton; Annick Pouquet; Duane Rosenberg; Piotr Smolarkiewicz; Peter Sullivan; Jielun Sun; Joe Tribbia; Henry Tufo.

*My thanks go to Aimé Fournier who took these notes; this greatly facilitated my writing these minutes, and to all those who have attended the meeting.*

### I. Last year

1) TOY'08 on geophysical turbulence was a great success; several students were very pleased to enthusiastic about the lectures and the workshops. We can ask for more feedback from Keith Julien (CU).

2) CTR (Stanford) connections promised last year, not pursued under the circumstances of a new leadership at NCAR.

3) GTP Advisory Board, ditto, but may be taken up again, see point below; Charles Meneveau has accepted to join the board.

### II. Governance of GTP: action in 2009

Joe Tribbia proposes and is charged with the organization, with Annick, of a GTP Retreat cum internal discussion cum workshop cum Advisory Board (or any combination thereof, TBD) in order in particular to foster internal NCAR-wide coordination. A budget of 6k is allocated to this meeting, on top of the budget coming from IMAGE for Adv. Boards meetings.

Some names are given for the board, of people whose advice we enjoy.

The theme could be: GTP as an integrative force across NCAR. Topics such as gravity-wave induced turbulence, boundary layer turbulence and chemistry, wind energy, tidal energy and related problems, ...; how do we convey the importance of this work?

One output of our meeting is that we would like the CISL and NCAR plan to stress the importance of GTP to study the dynamics of the Earth and Sun across scales ... Structure defined before the end of the year for the event to take place some time next year.

### III. BUDGET FOR THIS YEAR: total of 94k

We have \$34K (+ \$9K in lock box) carry-over from Fiscal 2008, plus \$50K for 2009.

**IMPORTANT NOTE:** The carry-over **MUST** be spent by **August 2009**.

**QUESTION FOR Liz:** does the rule apply as well to the lock box? **YES**

.../...

**DECISIONS, for a total of 94k:**

A) Piotr Smolarkiewicz receives **22k** for 2 graduate students for summer stay (one from Germany, one from Montreal);

AND

B) Steve Oncley receives **20k** for participation to an UAV purchase.

**BOTH UNDER THE CONDITION that the monies be actually spent by April 15, 2009.**

On April 15, the money falls back into the GTP pot to invite visitors who must arrive before August or so. *Liz is charged with following up on this. Both Piotr and Steve are to be told if the condition can be relaxed (e.g. by having the money spent earlier on other projects).*

Other requests that are granted, without the above restriction:

C) **\$12K** for seminars (Duane Rosenberg in charge; several names already given).

D) **\$10K** for Shi-Yi Chen for co-organizing a meeting in Beijing next summer in honor of Bob Kraichnan. Shi-Yi will be asked to acknowledge the co-sponsorship of GTP. *Annick will check the date at which this meeting is planned for.*

E) Visitors, for a total of **22k**, *to be invited by the hosts:*

Bérengère Dubrulle: \$3K *host Peter Sullivan and Annick Pouquet* (intermittency);

Dimitrii Mironov (June - mid July): \$4K *host Peter Sullivan* (Boundary layer);

Alain Noullez: \$4K *host Duane Rosenberg* (numerical methods);

Hélène Politano: \$4K *hosts Pablo Mininni & Annick Pouquet* (stratified flows);

Yannick Ponty: \$4K *host Annick Pouquet* (MHD);

Jordi Vila: \$3K *host Ned Patton* (clouds);

Reserve: \$2K.

**Remark for next year:** \$30K requested for Vladimir Zeitlin (IPSL) & Jean-Pierre Chomaz (Saclay) for co-organizing a workshop on stratified rotating flows in Boulder, summer 2010. The GTP local organizer is not yet completely decided.

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