

GTP Annual Meeting - 2013

Annick Pouquet, January 17, 2013, Chapman room

In attendance: Larry Cornman (RAL), Wojciech Grabowski (MMM), Bill Large (CGD), Don Lenschow (MMM), BC Low (HAO), Mark Miesch (HAO), Raffaele Marino (IMAGE), Pablo Mininni (IMAGE), Ned Patton (MMM), AP (IMAGE), Piotr Smolarkiewicz (MMM), Peter Sullivan (MMM), Jielun Sun (MMM), Joe Tribbia (CGD)

Excused: Mark Rast (LASP, CU), Cecilia Rorai (IMAGE)

Ex officio: D. Nychka

AGENDA:

Accomplishments in F'12 and how we spent our monies

Planned workshop in F'13

Carry-over from F'12 and available budget for F'13

Suggestions from all for seminars, visitors and workshops

Future of GTP

Others

Many GTP-related Workshops in 2012

1) Wave-Turbulence Interactions in Stable Atmospheric Boundary Layer (Jielun Sun, Larry Mahrt & Carmen Nappo, w. Bill Neff (NOAA) @ NCAR)

2) Multiphase Turbulent Flows in the Atmosphere and Ocean
Wojciech Grabowski, Harm Jonker, Peter Sullivan & Lian-Ping Wang @ NCAR

Connected to GTP:

3) Connections between rotating stratified turbulence, and climate: theory, observations, experiments and models

Baylor Fox-Kemper, Keith Julien & AP, TOY workshop @ CU [2 NSF grants]

4) Modeling the Earth System, NCAR (Boulder), JCP-Elsevier; Piotr Smolarkiewicz & AP.
A special edition of JCP is planned.

In principle, several papers ``white'' or not, for EOS, SIAM or other) in preparation ...

I. General fund

GTP - December 2012 - Account Budget Summary										
Current account information as of December 31, 2012				Financial & staffing data as of December 31, 2012						
Account	732401	Status	Active	Show Object Code Detail Report for this key						
Fund Source	NSF Regular/CORE Funding			ExpCl	Description	Budget	MO Expenses	FYTD Expenses	Encumbrances	Available
Program Title	GEOPHYSICAL TURBULENCE PROG			5000	Salaries	.00	.00	.00	.00	.00
Program Lead	Pouquet, A.	Group	IMAGE	5100	Benefits	.00	.00	.00	.00	.00
Proposal No.				5200	Materials & Supplies	3,000.00	.00	.00	.00	3,000.00
Contract No.	M0856145			5300	Purchased Services	4,000.00	.00	.15	648.00	3,351.85
Full Contract No.				5349	Computing Service Cente	.00	.00	.00	.00	.00
				5400	Travel	20,000.00	2,350.00	2,350.00	2,500.00	15,150.00
				5479	Participant Support Cost	28,578.91	.00	56.64	30,000.00	(1,477.73)
				5500	Equipment	.00	.00	.00	.00	.00
				5700	G&A Overhead/Burden	14,661.00	1,276.05	1,276.13	1,709.36	11,675.51
NOTES: FY13 budget - \$36,555; FY12 CY - 33,684.91; Total FY13 Working Budget = \$70,239.91						\$70,239.91	\$3,626.05	\$3,682.92	\$34,857.36	\$31,699.63
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Account Budget Summary.rpt				Month & Fiscal Year selected: December 2012						

Planned expenses

Miesch workshop	\$30,000.00
Jielun Sun paper on WINABL's workshop	\$1000 unloaded is \$\$648
Cecilia Rorai visit extension	\$3,857.50 unloaded is \$ 2500

Funds allocated in FY12 but not used:

Helene Politano	3500	\$3,857.50 Will be used to extend Cecilia Rorai's for January 2013.
Erik Lindborg	2000	
Silvester Anabas (MMM)	2000	
+ TRIG meeting (7.5k)		

II. Lock-box fund

GTP Visitor Lockbox - December 2012 -Account Budget Summary

Current account information as of December 31, 2012

Financial & staffing data as of December 31, 2012

Account	732403	Status	Active	Show Object Code Detail Report for this key						
Fund Source	NSF Regular/CORE Funding			ExpCl	Description	Budget	MO Expenses	FYTD Expenses	Encumbrances	Available
Program Title	GTP Visitor Program			5200	Materials & Supplies	.00	.00	.00	.00	.00
Program Lead	Pouquet, A.	Group	IMAGE	5300	Purchased Services	100.00	.00	.00	.00	100.00
Proposal No.				5400	Travel	7,977.50	892.43	2,478.15	4,183.50	1,315.85
Contract No.	M0856145			5479	Participant Support Cost	2,811.00	.00	.00	.00	2,811.00
Full Contract No.				5700	G&A Overhead/Burden	4,275.72	484.59	1,345.64	2,271.64	658.44
						\$15,164.22	\$1,377.02	\$3,823.79	\$6,455.14	\$4,885.29

NOTES: FY13 Budget \$10,680; FY12 carryover \$4,484.21 = \$15164.22

This account cannot be used for Workshops.

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Account Budget Summary.rpt

Month & Fiscal Year selected: December 2012

Outstanding

Nobumitsu Yokoi lodgir \$2,063.76 unloaded is \$1337.5
 Lisa Dirks \$2,846 Should be paid out from November 2012

Planned expenses

5 MMM visitors \$7,000.00 unloaded is \$4536 Or ~ 1.1k each
 (Gurarie, Shaw, Nappo, Lian-Ping Wang)

Funds still available to spend in F' 13: ~ 36.5k

[~ 70.2+15.1 – 30 –1 –7 –3.8 –2 –7]

- Previously committed expenses: 30k for *LES-MHD workshop*, 1k for paper following *GTP workshop on PBL*, 7k for *MMM visitors + other*
- Items: Visitors, seminars, Junior scientist fund, reserve
- *Support for the BL working group? [2-months grad student?]*
- *Partial support for grad student and/or post-doc?*
- → Workshop in F'14: TBD, *see next page*

Thank you!

BUDGETARY DECISIONS. Hosts make invitations & divisions handle funds with IMAGE; an emphasis is put on the renewal of weak turbulence theory in the context of Rotating Stratified Flows (Host: AP)

- Workshop in F'14: Boundary layer; host: Joe Tribbia, 30k in F'14
- Seminars or longer-term visitors (they also give a seminar):
 - Ian Grooms, stratified turbulence (Host: AP) 1k
 - Eric Lindborg. " " " " 1k
 - Steve Balbus, dynamo & MRI (Host: Mark Miesch), 1k
 - Lian-Pin Wang (Host: Wojciech Grabowski), 1k
- Jorge Villa for one month (Host: Ned Patton), (co-sponsored), 4k
- Alain Pumir, Lagrangian particles in stratified turbulence (Host: AP) 4k
- Sergei Nazarenko, Weak turbulence for rotating stratified flows (Host: AP) 4k

Together with, if possible:

- Alan Newell, Weak turbulence for RSF (Host: AP) 1k
- Kurt Polzin, " and diapycnal mixing (Host: AP) 1k
- Y. Lvov, " and slow-fast mode coupling (Host: AP) 1k
- Xxx (helicity in oceanography) ?? Tasmania is far away (Host: AP) 1k

* **Junior support:** Jielun Sun, summer Grad. Student, local support for ~ 2 months, 6k

* **Boundary layer working group** summer graduate student support, 6k

• **Reserve** for the director of GTP, 4.5k

Total: 36.5k

Future of GTP:

- Many members strongly express the need and desire to keep GTP, as the quintessential multi-disciplinary program with strong connections at NCAR to fundamental science and applications to weather, climate and the Sun.
- Several of the external founding members also strongly want to see it go on.
- GTP, besides its seminar and visitor program, and workshop, at the same time needs to have a more focused target, and the topic already chosen is boundary layers. Extra funds for man-power, in the form of a student/junior fellow, are needed to follow on this central project.
- Peter Sullivan takes the governance of GTP on July 31st, and
 - Finds a new home for GTP: ASP? ISP? NESL (director's office)? NCAR director's office?
 - Leads an effort on the working group on boundary layers, with a specific grad. student or post-doctoral request to NCAR/UCAR?

All GTP members present at the meeting congratulate Peter on his new responsibilities.