

SWWT « Atmospheric Effects » topical group

- Letters of invitation (10/2003 and 03/2004)
- SWWT November 2003
- Web pages

SWWT TOPICAL GROUP - ATMOSPHERIC EFFECTS

OBJECTIVE

- This topical group is responsible for:
 - identifying new areas of opportunities for applications oriented atmospheric research;
 - identifying new types of data that could be adapted to a state space weather applications products;
 - contacting and visiting, where possible, potential service users.

GROUP MEMBERS

LIST

TOPIC RELATED QUESTIONS

Definition of the domain
Physical phenomenon

FORUM

Letter of invitation
Contributions (discussions through email)
Documents, presentations
Meetings

Sponsorship

Dr Anick GILLESSEN

The ESA Space Weather Working Team (SWWT)

<http://www.esa.int/esa/SpaceWeather/swwt/index.html>

SWWT TOPICAL GROUP - ATMOSPHERIC EFFECTS MEMBERS

Active members

BLISSON Annick : annick.blisson@cea.fr
DUDOK DE VIT Thierry : dudok@onera-oreas.fr
GENDRON Roger : roger.gendron@wanadoo.fr
LAUBET Roland : roland.laubet@cea.fr
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RHUN PAT Beatrice : beatrice.rhun@cea.fr
FARDIN Carmen : Carmen.Fardin@cea.fr
THOMSON Alan MP : ampt@cea.fr

Associated members

Associated members are people who are interested by the topic but can't actively participate to the group activities.

KUNRAD Heiner : Heiner.Kunrad@esa.int
LATHULIERE Chantal : Chantal.Lathuliere@cea.fr
WEADON Nigel : nigel.weadon@esa.int

SWWT TOPICAL GROUP - ATMOSPHERIC EFFECTS RELATED QUESTIONS

DEFINITION OF THE DOMAIN

- Drag effects
- Space debris
- Spacecraft launch campaigns
- Spacecraft reentry
- Space weather effects on meteorology
- Geomagnetic indices used by atmospheric models for trajectory calculation

KEY QUESTIONS

- Are the available models suitable for the current purpose ?
Can you comment on the models that you are currently using in any of the domains considered ? What limitations have you discovered ?
[ENTREZ INFO]
- What atmospheric information could improve the accuracy of drag models ?
What relevant projects are currently being undertaken that could improve this information ?
[ENTREZ INFO]
- What are the effects of space weather on acquisition of meteorological data ?
[ENTREZ INFO]
- Other subjects **[ENTREZ INFO]**