

SWWT/ESPD splinter meeting

[EGU2010 SPM1.47]

Room SM1

Norma Crosby and Stefaan Poedts

SWWT/ESPD Agenda

13:30-15:00, 5 May 2010

PART 1: Introductions and Updates – 1 HOUR

1. Welcome (NC and SP)
2. Goals of the joint SWWT/ESPD meeting (NC and SP)
3. Introduction to ESPD (SP)
4. ESPD updates (SP)
 - EPS Council meeting in Mulhouse: report
 - FP7 ESSENSE proposal: status
 - ESPM-13: announcement and status
 - ESPD plans
5. Introduction to SWWT (NC)
6. SWWT updates (NC) - 20 MIN
 - Upcoming SWWT Plenary
 - Launch of SWWT wiki
 - Space weather, solar physics, users
7. CESRA 2010 meeting (LK)
8. Any other business

SWWT/ESPD Agenda

13:30-15:00, 5 May 2010

PART 2: Brainstorming (ALL) - 30 MIN

- How to better connect the space weather (SWWT) and the solar (ESPD) community with "applications" in mind?
- How to make the European solar and space environmental research community better/tighter/stronger?
- Collaboration between sub-structures
- Joint conference and workshop agenda (avoiding overlap)
- Would network tools (incl. member database) be useful?
- ...

[NC: Norma Crosby, SP: Stefaan Poedts, LK: Ludwig Klein]

SWWT discussions in general will thereafter continue on Wed., 5th of May 2010, 15:30-17:00 in room SM3 (18 persons).

[2.] Goals of the joint SWWT/ESPD meeting

- ❑ Introduction to SWWT and ESPD communities
- ❑ SWWT and ESPD Updates
- ❑ BRAINSTORMING: How can more contact between the space weather [SWWT] community and the solar [ESPD] community be imagined - with “applications” in mind?

[3.] Introduction to European Solar Physics Division [ESPD]

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[4.] ESPD Updates

- ❑ EPS Council meeting in Mulhouse:report
- ❑ FP7 ESSENSE proposal: status
- ❑ ESPM-13: announcement and status
- ❑ ESPD plans

[5.] Introduction to ESA Space Weather Working Team [SWWT]

History: The Space Weather Working Team was set up to coincide with the start of ESA's two parallel space weather studies in 1999.

The SWWT is a forum open to European experts in a variety of both scientific and application oriented fields relating to space weather.

The SWWT advises ESA in space weather strategy and currently acts as a forum for discussion amongst the European space weather community.

Other, non-ESA funded opportunities for space weather are regularly discussed and projects initiated by members.

SWWT membership is open to representatives of any institute or private company currently undertaking space weather related activities.

Contact:

Mike Hapgood

[mike.hapgood@stfc.ac.uk]

The SWWT meets at approximately 6 monthly intervals.

In addition, several "Topical Groups" maintain regular contact via email.

The screenshot shows the ESA Space Weather Web Server interface. The header includes the ESA logo and the title "Space Weather Web Server". A navigation menu on the left lists various sections such as "Welcome", "Introduction", "What is Space Weather", "Current Space Weather", "ESA Space Weather Studies", "International Activities", "Models and Data", "Resources", "Space Weather Working Team (SWWT)", "ESA Space Weather Workshops", "Miscellaneous", and "Sitemap". The main content area features the title "The ESA Space Weather Working Team (SWWT)" and a list of "Topical Groups | Documents | History | Contact List | Membership". Below this, there are three paragraphs of text describing the SWWT's role and activities. On the right side of the screenshot, there are two small images: "Last 30 days" showing a bar chart of p⁺ Flux and "Latest EIT-195 Image" showing a green solar image with the text "CSD bakeout".

The diagram below the screenshot illustrates the organizational structure of the SWWT. It is a hierarchical structure with a central box labeled "SWWT Forum + Topical Groups". Above this central box is a yellow box labeled "SWWT Steering Board". Below the central box are six smaller boxes arranged in two rows of three. The top row contains "Ground Effects", "Ionospheric Effects", and "spacecraft, launcher and aircraft Environments". The bottom row contains "Fundamental research", "Atmospheric Effects", and "Education, outreach and Emerging Markets". To the right of the diagram is another yellow box labeled "SWWT Steering Board" and a partial view of the "SWWT Forum" box.

http://www.esa-spaceweather.net/spweather/esa_initiatives/swwt/index.html

SWWT Global Action Items

- ❑ SWWT provides focus for space weather inputs into the SSA advisory structure.
- ❑ Space weather roadmap update [bring together inputs from different groups].
- ❑ ESA ministerial council meeting 2011 [how best to support ESA, lobbying, ...].
- ❑ FP7 Space Calls in general [how best to coordinate community inputs].

[6.] SWWT Updates

- ❑ Upcoming SWWT Plenary
- ❑ Launch of SWWT wiki
- ❑ Space weather, solar physics, users

Upcoming SWWT Plenary

PREVIOUS MEETING:

“Space Weather Working Team 26” Plenary meeting, 19 Nov. 2009, 14:00-16:00 [European Space Weather Week 6, 16-20 November 2009, Brugge, Belgium]

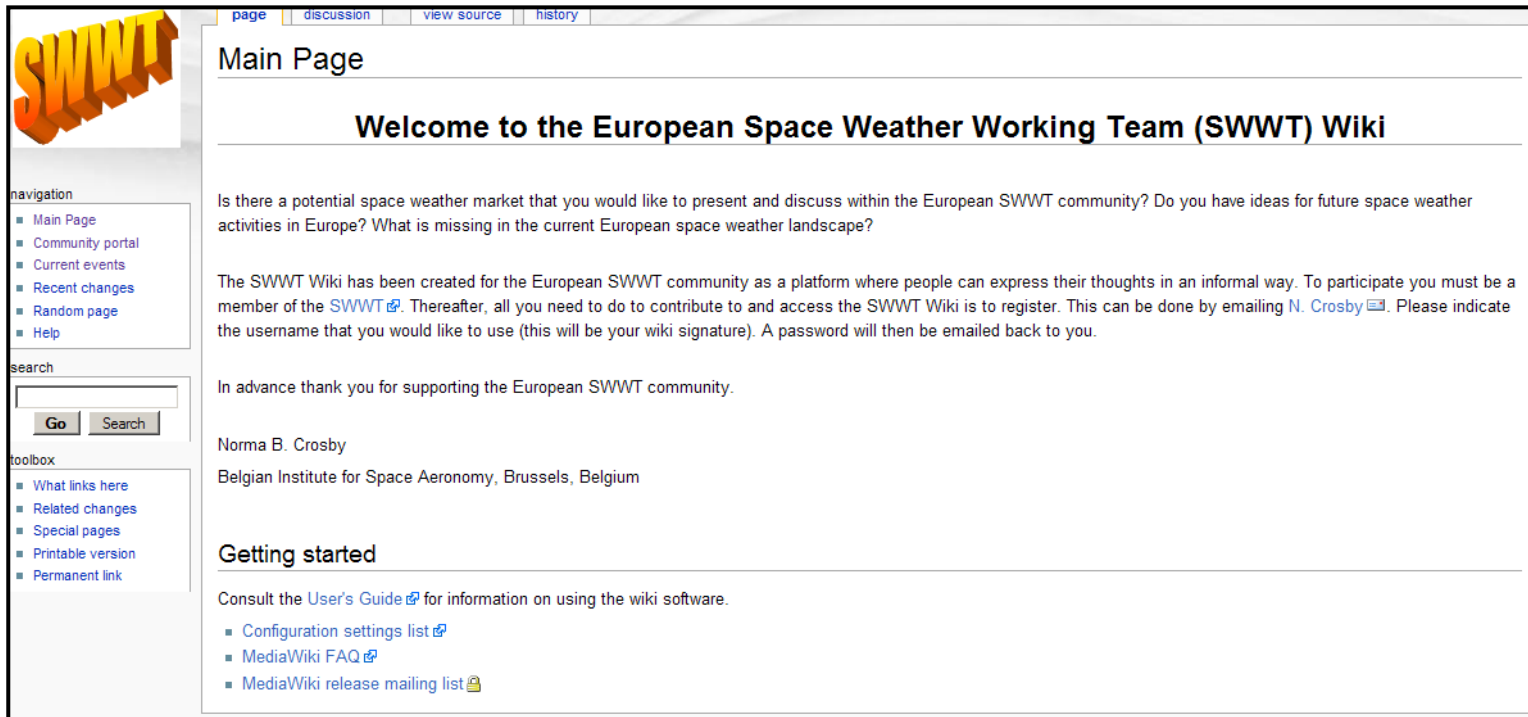
UPCOMING MEETING:

“Space Weather Working Team 27” Plenary meeting, Friday 18 June 2010 [09:30-17:00], and will be held at the Royal Observatory of Belgium (room: la salle méridienne) in Brussels, Belgium.

Launch of SWWT wiki

<http://swwt.aeronomie.be>

It has been created for the European SWWT community as a platform where people can express their thoughts in an informal way.



The screenshot shows the main page of the SWWT Wiki. At the top left is the SWWT logo, a 3D yellow and orange 'SWWT' text. Below it is a navigation menu with links: Main Page, Community portal, Current events, Recent changes, Random page, and Help. A search box with 'Go' and 'Search' buttons is also present. The main content area has a title 'Main Page' and a subtitle 'Welcome to the European Space Weather Working Team (SWWT) Wiki'. The text below the subtitle asks if there is a potential space weather market and provides information on how to register. It mentions that the wiki was created for the European SWWT community and that users must be a member of the SWWT. It also provides contact information for N. Crosby and a link to the User's Guide. At the bottom, there is a 'Getting started' section with links to the Configuration settings list, MediaWiki FAQ, and MediaWiki release mailing list.

page discussion view source history

Main Page

Welcome to the European Space Weather Working Team (SWWT) Wiki

Is there a potential space weather market that you would like to present and discuss within the European SWWT community? Do you have ideas for future space weather activities in Europe? What is missing in the current European space weather landscape?

The SWWT Wiki has been created for the European SWWT community as a platform where people can express their thoughts in an informal way. To participate you must be a member of the [SWWT](#). Thereafter, all you need to do to contribute to and access the SWWT Wiki is to register. This can be done by emailing [N. Crosby](#). Please indicate the username that you would like to use (this will be your wiki signature). A password will then be emailed back to you.

In advance thank you for supporting the European SWWT community.

Norma B. Crosby
Belgian Institute for Space Aeronomy, Brussels, Belgium

Getting started

Consult the [User's Guide](#) for information on using the wiki software.

- [Configuration settings list](#)
- [MediaWiki FAQ](#)
- [MediaWiki release mailing list](#)

SWWT logo contest

[winner to be announced at the upcoming SWWT Plenary on 18 June 2010]

Space weather, solar physics, users

Space Weather is an **application-oriented discipline** and **addresses the needs of “users”**.

[merging of science and engineering]

SOLAR-TERRESTRIAL PHYSICS	SPACE WEATHER
- Basic Research	- Application Oriented
- Scientific Observations	- Continuous Monitoring
- Scientific Products	- Service Products

Important to note:

basic research in the field of Solar-Terrestrial Physics is **necessary for Space Weather applications**.

Space weather, solar physics, users

- European space weather “user community” [continues to expand].
 - Still finding new users of space weather products
- International collaboration between all world-wide space weather efforts “complement each other ”.
 - Data policy [exchange of data], Modelling,

[7.] CESRA 2010 Meeting

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7th Canadian Solar Workshop

October 15-18, 2010

“La Petite Rouge”, a resort in Quebec [2 hours to drive from Montreal or 2 hours to drive from Ottawa]. Reason for location is very simple: equidistant from “Forecast Centre” in Ottawa and from Université de Montreal, where most solar physics resides.

Reason to regularly hold the meeting: to coordinate our efforts for better forecast models.

Contact: Larisa Trichtchenko



Brainstorming

- How to better connect the space weather (SWWT) and the solar (ESPD) community with “applications” in mind?
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SWWT discussions in general:

Wed., 5th of May 2010, 15:30-17:00
in room SM3 (18 persons).