

On 24 September 2010 the Convection Working Group had a three hour meeting in Cordoba, Spain. This meeting took place in co-junction with the EUMETSAT 2010 Conference. The meeting was chaired by Marianne Koenig (EUMETSAT) and Martin Setvak (CHMI)

- Dr. Volker Gärtner opened the meeting of the Convection Working Group and thanking the audience for their interest in the convection working group and their activities on the case study of 25 May 2009.
- After the sudden passing away of Dr. Nikolai Dotzek in May 2010 the convection group was forced to be elect a new co-chair. It was proposed that Martin Setvak from the Czech Hydrometeorological Institute will take over this role. Martin has been involved in the work of ESSL since the beginning days and is an obvious choice with the CWG being a joint collaboration between EUMETSAT and ESSL. Martin accepted this new role as co-chair to CWG.
- Volker Gärtner also announced his retirement from CWG as chairman of CWG due to increased activities and gives this position now to Marianne Koenig (EUMETSAT), who also accepted.
- The work on the case study of 25 May 2009 will be halted on January 15th. After that all data will be gathered and described in a Case Study. This work will be done by EUMeTrain.

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#### *Review of the Actions of the Landshut meeting of October 2009*

Action 1 - All CWG members: Find out about national availability of radar data and report back to CWG before the next CWG meeting in Spain 2010.

*Croatia, Slovenia, Hungary, Spain have added their radar data on the ftp server.*

Action 2 - All CWG members: Find out about national availability of lightning data and report back to CWG before the next CWG meeting in Spain 2010.

*Croatia, Italy and Spain have added their lightning data fort his case on the FTP server*

Action 6 - Jarno Schipper to identify a case with a wrong PV anomaly diagnosis (ECMWF vs. satellite!) and show the benefit of the conceptual model that was developed by Christo Georgiev and Patrick Santurette to illustrate the additional information provided by the satellite data.

*Case was selected as 12 September 2010 and will be proposed to EUMeTrain SG for their work in 2011.*

Action 7 - Jarno Schipper to provide the URL of an FTP server for the 25 May 2009 case study data collection.

*Done and is used by the members. The FTP server will be cleaned on 15 January of all data related to the 25 May case. This data will be distributed to all partners interest on a USB stick.*

Action 10 - Jarno Schipper and Kris Bedka to make the schematic diagram of convection activities available on the CWG website.

*Done and all CWG are invited to debate this at:*

*[http://convection.satreponline.org/dokuwiki/doku.php?id=nowcast\\_system](http://convection.satreponline.org/dokuwiki/doku.php?id=nowcast_system)*

Action 11 - Jarno Schipper and Jan Kanak to create a list and description of available software and visualization tools that are relevant for convection nowcasting.

*[http://convection.satreponline.org/doc\\_msgsw.php](http://convection.satreponline.org/doc_msgsw.php)*

*Also a description on the free software Mclidas-V was added in this respect to the CWG webpage. Training and use of this tool needs to be stimulated and CWG can serve as a channel to invite users in Europe to take notice of this software.*

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- The new “golden case” to have the CWG work on was selected as the **15 August 2010**. This case shows a variety of storm cells and storm top features over Central Europe and also assures a wide variety of data available from the regions affected by these storms. On this day warm and cold storm cloud tops both co-existed. The interesting being that from a „warm“ cloud-top storm, 5 cm large hail was produced damaging vast property in Prague.
- The use of the online software such as Centra still needs to be emphasised. The CWG should decide on a term and the secretary of CWG needs to organise the meeting and invite all interested participants.
- Unlike in last year, the development of this golden case will not be done by the WIKI format (!) but will be done by EUMeTrain. For all new material which is developed one can simply write Jarno Schipper. He will make the necessary animations, loops descriptions so that a more unified case will be developed. All CWG members are invited to present their studies on this case on the occasion of the 2011 ECSS conference at Mallorca (<http://www.essl.org/ECSS/2011/>).
- Update on the best practice document was presented by John Mecikalski. This document is available at the website at

[http://convection.satреonline.org/dokuwiki/doku.php?id=best\\_practises](http://convection.satреonline.org/dokuwiki/doku.php?id=best_practises)

John and Kris Bedka will in the following months update this document and all are strongly invited to participate and give input!

- The idea was raised to have a “proving ground” for the level 1.5 and level 2 products related to Convection. This platform can be a spin- off from Satrep Online and the idea will be pursued and investigated by EUMETSAT and ESSL in the future.
- Next short CWG meeting will be held on the occasion of the 2011 ECSS conference at Palma de Mallorca.
- Next full-time meeting of CWG will be held in March 2012. The venue of this meeting still has to be decided, possible venues are Prague (“conditionally” agreed by CHMI management) and Zagreb (needs to be verified) ; other authorised proposals are still welcome (deadline: 01 March 2011).

# Participants List

Name	Affiliation	Email
Bedka, Kristopher	SSAI at NASA-LARC	<a href="mailto:kristopher.m.bedka@nasa.gov">kristopher.m.bedka@nasa.gov</a>
Calbet, Xavier	EUMETSAT	<a href="mailto:xavier.calbet@eumetsat.int">xavier.calbet@eumetsat.int</a>
Charvat, Zdenek	CHMI, Czech Republic	<a href="mailto:zdenek.charvat@chmi.cz">zdenek.charvat@chmi.cz</a>
de Coning, Estelle	SAWS, South Africa	<a href="mailto:estelle.deconing@weathersa.co.za">estelle.deconing@weathersa.co.za</a>
de Valk, Paul	KNMI, Netherlands	<a href="mailto:paul.de.valk@knmi.nl">paul.de.valk@knmi.nl</a>
Erik Becker	SAWS, South Africa	<a href="mailto:erik.becker@weathersa.co.za">erik.becker@weathersa.co.za</a>
Ertürk, Aydin	Turkish Met Service	<a href="mailto:agerturk@dma.gov.tr">agerturk@dma.gov.tr</a>
Fernandez, Pilar	AEMET, Spain	<a href="mailto:mafernandeza@aemet.es">mafernandeza@aemet.es</a>
Fernandez-Serdan, Jose Miguez	AEMET, Spain	<a href="mailto:jfernandezs@aemet.es">jfernandezs@aemet.es</a>
Forster, Caroline	DLR, Germany	<a href="mailto:caroline.forster@dlr.de">caroline.forster@dlr.de</a>
Garcia Pereda, Javier	AEMET, Spain	<a href="mailto:jgarciap@aemet.es">jgarciap@aemet.es</a>
Gärtner, Volker	EUMETSAT	<a href="mailto:volker.gaertner@eumetsat.int">volker.gaertner@eumetsat.int</a>
Geogiev, Christo	NIMH Bulgaria	<a href="mailto:chriso-geogiev@meteo.bg">chriso-geogiev@meteo.bg</a>
Giunta, Igor	Meteo Swiss	<a href="mailto:igor.giunta@meteoswiss.ch">igor.giunta@meteoswiss.ch</a>
Goren, Tom	HUJI	<a href="mailto:tom.goren@mail.huji.ac.il">tom.goren@mail.huji.ac.il</a>
Höller, Hartmut	DLR, Germany	<a href="mailto:hartmut.hoeller@dlr.de">hartmut.hoeller@dlr.de</a>
Irsic Zibert, Mateja	ARSO Slovenia	<a href="mailto:mateja.irsic@gov.si">mateja.irsic@gov.si</a>
Iwanski, Rafal	IMWM-SRC, Poland	<a href="mailto:rafal.iwanski@imgw.pl">rafal.iwanski@imgw.pl</a>
König, Marianne	EUMETSAT	<a href="mailto:marianne.koenig@eumetsat.int">marianne.koenig@eumetsat.int</a>
Kryvobok, Olexsiy	UHMI Ukraine	<a href="mailto:kryvobok@uhmi.org.ua">kryvobok@uhmi.org.ua</a>
Marcos, Cecilia	AEMET, Spain	<a href="mailto:cmarcosm@aemet.es">cmarcosm@aemet.es</a>
Martinez, Miguel A.	AEMET, Spain	<a href="mailto:mmartinezr@aemet.es">mmartinezr@aemet.es</a>
Mecikalski, John R.	University of Alabama	<a href="mailto:johnm@nsstc.uah.edu">johnm@nsstc.uah.edu</a>
Melfi, Davide	CNMCA, Italy	<a href="mailto:melfi@meteoam.it">melfi@meteoam.it</a>
Moisselin, Jean-Marc	Meteo France	<a href="mailto:jean-marc.moisselin@meteo.fr">jean-marc.moisselin@meteo.fr</a>
Nisi, Luca	Meteo Swiss	<a href="mailto:luca.nisi@meteoswiss.ch">luca.nisi@meteoswiss.ch</a>
Osaka, Izumi	Japan Met Agency	<a href="mailto:i-ohsaka@met.kishou.gov.jp">i-ohsaka@met.kishou.gov.jp</a>
Pajek, Monika	IMWM, Poland	<a href="mailto:monika.pajek@imgw.pl">monika.pajek@imgw.pl</a>
Petersen, Ralph	University of Wisconsin	<a href="mailto:ralph.petersen@ssec.wisc.edu">ralph.petersen@ssec.wisc.edu</a>
Putsay, Maria	Hungarian Met Service	<a href="mailto:putsay.m@met.hu">putsay.m@met.hu</a>
Radova, Michaela	CHMI, Czech Republic	<a href="mailto:michaela.radova@chmi.cz">michaela.radova@chmi.cz</a>
Rodriguez, Antonio	AEMET, Spain	<a href="mailto:arodriguezm@aemet.es">arodriguezm@aemet.es</a>
Romero, Ramiro	AEMET, Spain	<a href="mailto:rromerof@aemet.es">rromerof@aemet.es</a>
Schipper, Jarno	ZAMG	<a href="mailto:jarno.schipper@zamg.ac.at">jarno.schipper@zamg.ac.at</a>
Setvak, Martin	CHMI, Czech Republic	<a href="mailto:setvak@chmi.cz">setvak@chmi.cz</a>
Sievers, Oliber	DWD, Germany	<a href="mailto:oliver.sievers@dwd.de">oliver.sievers@dwd.de</a>
Stastla, Jindrich	CHMI, Czech Republic	<a href="mailto:jindrich.stastka@chmi.cz">jindrich.stastka@chmi.cz</a>
Stich, Dennis	DLR, Germany	<a href="mailto:dennis.stich@dlr.de">dennis.stich@dlr.de</a>
Strelec Mahovic, Natasa	Croatian Met Service	<a href="mailto:strelec@cirus.dhz.hr">strelec@cirus.dhz.hr</a>
Stuhlmann, Rolf	EUMETSAT	<a href="mailto:rolf.stuhlmann@eumetsat.int">rolf.stuhlmann@eumetsat.int</a>
Wang, Pao	University of Wisconsin	<a href="mailto:pwang1@wisc.edu">pwang1@wisc.edu</a>