



# A most brilliant atmospheric science poster: Essential contribution to ICAM-2009 poster-sessions

**Hans Volkert** and many helpful co-authors

Deutsches Zentrum für Luft- und Raumfahrt (DLR), Institut für Physik der Atmosphäre (IPA)  
D-82234 Oberpfaffenhofen, Germany



(to recognize presenter HV)

### Example for a box with keywords

#### Meteosat Second Generation

- over Equator; MetS-9 and MetS-8 (rapid scan)
- one scan every 15 min or 5 min (rapid scan)
- Spinning Enhanced Visible Infra-Red Imager (SEVIRI at 100 rpm) with 12 channels
- raw data from EUMETSAT

#### Processing at DLR-IPA

- combination of 4 channels (HRV; 0.6  $\mu\text{m}$  visible; 0.8  $\mu\text{m}$ , 10.8  $\mu\text{m}$  infra-red)
- coastlines and dotted grid
- stereographic weather map projection

#### Monthly loops for overviews

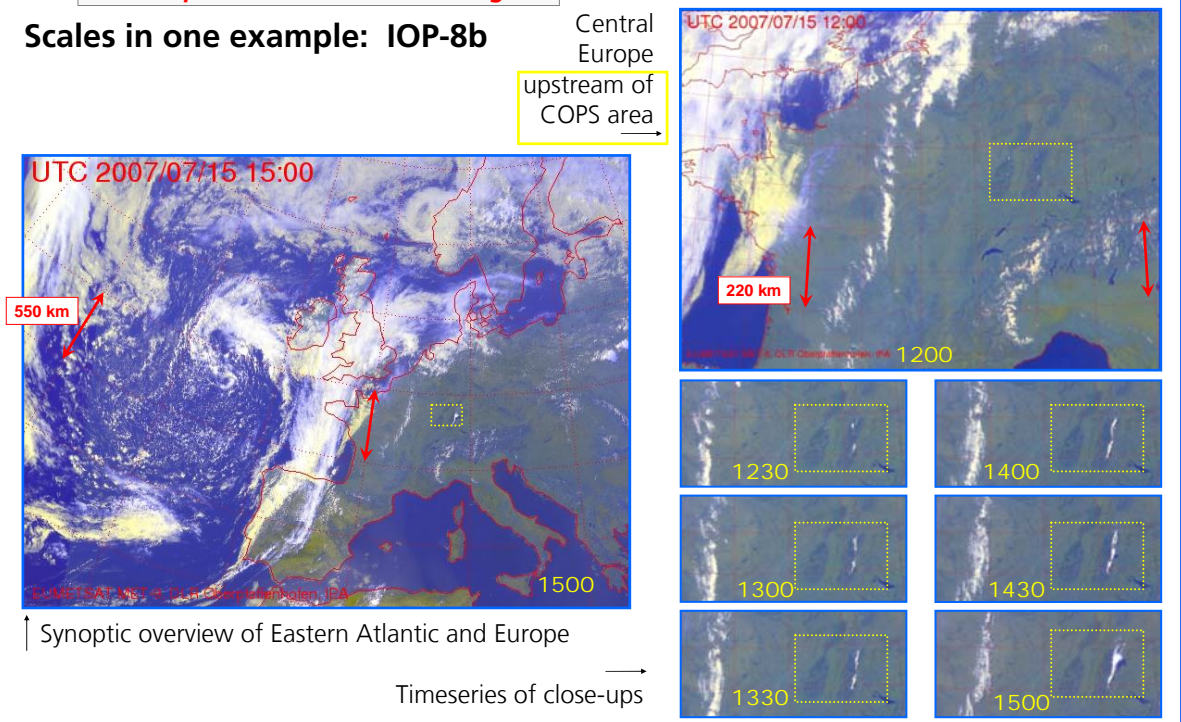
- about 3000 frames each
- 25 fps ( $\rightarrow$  22,500-fold speed-up)
- 40 fps ( $\rightarrow$  40,000-fold speed-up)

#### For IOPs in Java-script on web

- see [www.pa.op.dlr.de/cops](http://www.pa.op.dlr.de/cops)
- takes some time to load
- gives good flexibility (loops, mouse-over etc.)

### Example for a box with images

#### Scales in one example: IOP-8b



### Suggestions to aid the construction of ICAM-2009 posters

- clear headline above authoring team
- **photograph of presenter** to let spectators recognize her/him easily
- aid the viewer through boxes with keywords and figures/images
- avoid too lengthy texts in too small fonts
- remember: poster should ignite discussions rather than contain a full paper
- everyone is welcome to start from this template in MS-Powerpoint
- the poster-size is about **A0** in **portrait** (84 cm wide x 124 cm high)

### ... and another interesting box

### Example for conclusions

Use downward perspective, rather than only looking into the sky, ...

... and fast motion loops ...



19<sup>th</sup> century method

... to obtain inspiration for further analyses.

Let's look at my laptop