

## **Training Course on the Principles of Satellite Meteorology**

### *Host institutes*

The course is jointly organised by Deutscher Wetterdienst (DWD) and EUMETSAT

### *Location*

Classroom sessions in DWD Training and Conference Centre (BTZ), Langen, Germany

### *1<sup>st</sup> Announcement*

19<sup>th</sup> December 2009

### *2<sup>nd</sup> Announcement*

15<sup>th</sup> February 2009

### *Application deadline*

28<sup>th</sup> February 2009

### *Students*

Selected by 13<sup>th</sup> March

Minimum amount of students required: 12

Maximum amount of students allowed: 20

Applications from participating and new EU countries encouraged.

### *Dates and duration*

Course start date: 20<sup>th</sup> April 2009

Distance phase 1: 21<sup>th</sup> April 2009 + 1 week, 10 hours work by student

Distance phase 2: 6<sup>th</sup> May 2009 + 1 week, 10 hours

Classroom phase: 15<sup>th</sup> – 19<sup>th</sup> June 2009 (5 days, 35 hours)

Wrap-up phase: 9<sup>th</sup> July + 1 week, 5 hours

Course end date: 15<sup>th</sup> July 2009

### Total

5 days presential + 3 weeks distance learning. The distance phase is equivalent of 25 hours of work.

Total equivalent 60 hours of training.

### *Tuition fee*

1000 EUR

DWD participants are exempted of the fee. A limited number of subsidies can be granted by EUMETSAT.

### *Objectives*

- Increase awareness on the potential of modern weather satellites in the forecasting process
- Improve the ability of the forecaster to identify potentially hazardous weather from weather satellite products
- Improve the ability of the forecaster to diagnose weather phenomena using weather satellite products
- Allow the forecaster to understand the reliability and uncertainties of the weather satellite products

### *Target Audience*

Operational weather forecasters

### *Prerequisites*

- Previous knowledge in satellite meteorology
- Strong motivation for personal development
- Interest in weather satellite applications
- Good command in the English language

### *Language*

The course will be taught in English. No translation will be offered and the participant is expected to be fluent in English.

### *Contents of the Course*

Self-study material (to be found in the Eumetcal Moodle page for the course)

1. Interactive module
2. Chapter/minicourse of Eumetrain
3. MSG Interpretation Guide TBD