

OSMER – ARPA FVG – EUMETSAT  
Training Workshop on Interpretation of Satellite  
Images/Products of Convective Storms  
TRIESTE 5-7 SEPTEMBER 2007

**Draft Programme, 9 May 2007**

**5 September 2007 (Wednesday)**

- 08:45 – 09:00 h**      Opening – *J. Kerkmann*
- 09:00 – 10:30 h**      (Convective) Clouds seen in MSG: Part 1 - *J. Kerkmann*  
Cloud Optical Thickness, Atmospheric Moisture  
Coffee
- 11:00 – 12:30 h**      (Convective) Clouds seen in MSG: Part 2 - *J. Kerkmann*  
Cloud Phase and Particle Size  
Lunch
- 14:00 – 15:30 h**      Introduction to satellite observations of storm tops - *M. Setvák*  
Coffee
- 16:00 – 17:30 h.**      Convective storms as observed by MSG (selected case studies) - *M. Setvák*

**6 September 2007 (Thursday)**

- 09:00 – 10:30 h**      History of thunderstorm observations from satellite- *R. Rabin*  
Coffee
- 11:00 – 12:30 h**      Current applications including satellite wind products - *R. Rabin*  
Lunch
- 14:00 – 15:30 h**      Introduction to Day/Night Microphysics RGB composite and the  
MSG\_RGB software package (incl. T-Reff analysis) - *D. Rosenfeld*  
Coffee
- 16:00 – 17:30 h**      Influence of aerosols on convective cloud development &  
observations of cloud composition and precipitation processes  
- *D. Rosenfeld*
- Social event**              Dinner

**7 September 2007 (Friday)**

- 09:00 – 10:00 h** GOES rapid scan observations – *D. Lindsey*  
Coffee
- 10:30 – 11:30 h** Cloud-top microphysics and relationship to pre-storm environment and severe weather – *D. Lindsey*
- 11.30 – 12.30 h** CloudSat – *D. Lindsey*  
Lunch
- 14:00 – 15:30 h** Satellite precipitation measurements for meteorology and climate - *V. Levizzani*  
(rainfall retrievals; validation; climate monitoring; use for NWP; international efforts)  
Coffee
- 16:00 h** Closing / Evaluation

Lecturers:

Robert Rabin (NOAA-NSSL, Norman, Oklahoma)  
Dan Lindsey (CIRA, Fort Collins, Colorado)  
Martin Setvak (CHMI, Prague, Czech Republic)  
Vincenzo Levizzani (ISAC-CNR, Bologna, Italy)  
Daniel Rosenfeld (HUJ, Jerusalem, Israel)  
Jochen Kerkmann (EUMETSAT, Darmstadt, Germany)

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