

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)

Further information are available contacting:

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