

RSHU-EUMETSAT
COURSE PROGRAMME
10-14 May 2011

10:30-11:25 (TBC)	10	11:35-12:30 (TBC)	12:30-13:30	13:30-14:15	5	14:20-15:05	10	15:15-16:00	5	16:05-16:50
1. Intro Remarks / Opening 11:00-11:15		2. Different Radar Composites, NOMEK lecture (online) 11:15-12:00	Break	3. Satellite Operations Satellites		4. Satellite Operations Basic of Remote Sensing		5. Satellite Operations Basic of Remote Sensing		6. Satellite Analysis and Diagnosis NOMEK lecture (online) 16:15-17:00
Henk Verschuur, EUMETSAT Anatoly Bogush, RSHU		Elena Saltikoff, Finnish Meteorological Institute		Henk Verschuur, EUMETSAT		Henk Verschuur, EUMETSAT		Henk Verschuur, EUMETSAT		Phil Chadwick, Environment Canada
7. MSG		8. Use of satellite data in Russia/RSHU receiving station (TBC)	Break	9. MSG		10. Visualisation	11-12. Product Navigator, Archive; Case Study, Exercises			
Channels				Channels		Gray scales				
						Color enhancements				
						RGB				
Henk Verschuur, EUMETSAT		Suleiman Mostamandi, RSHU		Henk Verschuur, EUMETSAT		Henk Verschuur, EUMETSAT		Henk Verschuur, EUMETSAT		Henk Verschuur, EUMETSAT
13. Image Processing 10:30-11:10		14. Numerical Analysis. NOMEK lecture (online) 11:15-12:00		15. Conceptual Models		16. Conceptual Models		17. Conceptual Models		18. GNSS Based Atmospheric Sounding
		12:00-12:30 weather briefing		Fronts & Cyclogenesis		Mesoscale Phenomena		TBD		
Oleksiy Kryvobok, Ukrainian NMS		Guðrún Nína Petersen, Icelandic Meteorological Institute		Ab Maas, KNMI (retired)		Ab Maas, KNMI (retired)		Ab Maas, KNMI (retired)		Ekaterina Kuzminykh, RSHU
19. EUMETCast, DAWBEE		20. Use of satellite data in the Ukraine		21. Conceptual Models		22. Conceptual Models		23. Conceptual Models		24. Satellite data assimilation in numerical models (online lecture)
				TBD		Orographical weather features		Determination of water quality parameters from satellite data		
Oleksiy Kryvobok, Ukrainian NMS		Oleksiy Kryvobok, Ukrainian NMS		Ab Maas, KNMI (retired)		Ab Maas, KNMI (retired)		Dmitry Pozdnyakov, Nansen Centre		R.Randriamampianina, met.hu (TBC)
25. GOMS-Electro-L		26. Surface Albedo, Land SAF	Break	27. Oceanography Jason-2		28. Oceanography ASCAT		29. Oceanography Products		
		Development Of An Operational Procedure To Estimate Surface Albedo From SEVIRI/MSG (Land SAF)		Sea level, Waves, Swell, Tides, Tsunamis		Comparability of ASCAT and QuikSCAT Wind Products data		SAF products, Availability, Services at the Earth Observation Portal (EO Portal), Data Usage, Field of Application		
Dr Vasily Asmus, Planeta (TBC)		Prof Oleg Pokrovsky, MGO		Henk Verschuur, EUMETSAT		Henk Verschuur, EUMETSAT		Henk Verschuur, EUMETSAT		