

Time schedule for CAWSES ice layer workshop in Kühlungsborn, 15-17 May 2006

Last updated: 15. May 2006

Sunday, 14. May 2006			
19:00 to 22:00			Ice breaker party at the restaurant 'Vielmeer'
Monday, 15. May 2006			
9:00 to 9:20	Lübken		Welcome, Organization
9:20 to 9:40	Berger		Modeling of mesospheric ice layers
9:40 to 10:00	Megner		Modeling the spatial and temporal distribution of meteor smoke particles
10:00 to 10:20	Rapp		Spectral properties of mesospheric ice clouds require a scattering theory for non-spherical particles
10:20 to 10:40	Baumgarten		Particle properties of noctilucent clouds above ALOMAR 1998-2005
10:40 to 11:10		coffee break	
11:10 to 11:30	Gumbel		An introduction to the Odin satellite aeronomy mission
11:30 to 11:50	DeLand		SBUV/2 PMC observations during summer 2005
11:50 to 12:10	Hervig		PMC particle size from 14 years of HALOE observations
12:10 to 12:30	Karlsson		Noctilucent cloud observations with the ODIN satellite
12:30 to 14:00		lunch	
14:00 to 14:20	von Savigny		First simultaneous space-borne observations of the 5-day wave in NLC characteristics and mesopause temperatures
14:20 to 14:40	Petelina		PMC studies with satellites: some results from Odin/OSIRIS, TIMED/SABER and ACE/FTS
14:40 to 15:00	Stegmann		What can we learn from ground-based NLC-photography
15:00 to 15:20	Hoffmann		Influence of tides and gravity waves on layering processes in the polar summer mesopause region
15:20 to 15:50		coffee break	
15:50 to 16:10	Llewellyn		OH ($X^2\Pi\ v=0$), water vapour and mesospheric clouds
16:10 to 16:30	Grygalashvyly		On the OH- and OH*- layer at high latitudes
16:30 to 16:50	Lossow		Investigations of the water vapour redistribution due to noctilucent clouds based on ODIN measurements
16:50 to 17:10	Sonnemann		Comparison between 3D-calculations and measurements of water vapor in high latitudes
17:10 to 17:30	Taylor		Coordinated imaging and lidar measurements of noctilucent cloud dynamics over Poler Flat, Alaska (65°N) during August 2005

Tuesday, 16. May 2006			
9:00 to	9:20	Kutepov	Theory of non-LTE calculations for satellite temperature retrievals
9:20 to	9:40	Feofilov	TIMED/SABER temperature retrievals in the polar summer mesosphere and lower thermosphere
9:40 to	10:00	Höffner	Temperature observations at mesopause altitudes by lidar at Spitsbergen, 78°N
10:00 to	10:20	Lübken	Ice layers and the thermal structure at the mesopause
10:20 to	10:50	coffee break	
10:50 to	11:10	Singer	PMSE observations by meteor radars (32-35 MHz) in Northern Canada (62N) and Northern Scandinavia (69N) in summer 2005
11:10 to	11:30	Latteck	PMSE observed with VHF radars on the Northern and Southern hemisphere and its relation to NLC observed by ENVISAT
11:30 to	11:50	Engler	Seasonal variations of aspect sensitivity observed by 2-MHz MF radars and its possible relation to PMSE
11:50 to	12:10	Fiedler	Multiannual observation of noctilucent clouds above ALOMAR
12:10 to	14:00	lunch	
14:00 to	14:20	Gerding	Observations of noctilucent clouds and temperature by co-located lidars at 54°N
14:20 to	14:40	Hoppe	Na lidar temperatures at ALOMAR
14:40 to	15:00	Hervig	The AIM satellite
15:00 to	15:30	coffee break	
15:30 to	15:50	Thomas	Forcing mechanisms of mesospheric ice formation
15:50 to	16:10	Hartogh	Water vapor measurements at ALOMAR
16:10 to	16:30	Astin	???
16:30 to	16:50	Sternovsky	Mesospheric Aerosol Sampling Spectrometer
Wednesday, 17. May 2006			
9:00 to	12:00	splinter group meetings	
12:00 to	13:00	lunch	
19:30 to	22:00	Dinner at the hotel 'Vierjahreszeiten'	