

19.	Engel		Trace gas observations for the investigation of mean age and stratospheric transport under the influence of solar variability and long term change	
20.	Stiller			
21.	Hartogh		Influence of the mean circulation on gravity wave generation	
22.	Singer		Atmospheric coupling by gravity waves: climatology of gravity wave activity, mesospheric turbulence and their relations to solar activity	GW-TURB
23.	Lühr		Investigation of non-migrating thermospheric tidal waves in density and wind as observed by CHAMP	
24.	Oberheide		Seasonal and inter-annual variability of non-migrating tides in the mesosphere and lower thermosphere	

**Monitoring of temperatures, winds, etc.:**

25.	Lühr		Observation and Modeling of the Upper Atmospheric Density and Winds at Polar Latitudes and Their Dependence on the Geophysical Conditions	CHAMP/EISCAT
26.	Hochschild		Impact of emission on the diurnal and seasonal variability of O3 and H2O in the stratosphere and lower mesosphere based on continuous observations in the tropics and Arctic	
27.	Notholt			

**Charged aerosols and miscellaneous**

28.	Stelmaczyk		Detection of electrically charged clouds and aerosols by means of second harmonic generation (SHG) at the droplet-air interface	
29.	Leisner		Laboratory experiments on the microphysics of electrified cloud droplets	
30.	Lübken		Application as coordinator of the CAWSES priority programme	