

Proposed Workshop Schedule (10/23/2018)

Tuesday, November 6, 2018

09:00	Registration and socializing	All
10:00	Welcome and Goals of the workshop	Geller, Lübken
10:30	Introduction to IAP	Lübken
11:00	Morning Break	All
11:30	Status of operational high-resolution radiosonde data	Geller, Love
12:00	Atmospheric turbulence from radars	Chau
12:30	Thorpe analysis for turbulence	Wilson
13:00	Lunch	All
14:00	Thorpe analysis/radar turbulence comparisons	Kohma/Sato
14:30	Thorpe analysis of turbulence for US radiosonde stations	Ko
15:00	LITOS measurements of turbulence	Söder
15:30	Afternoon Break	All
16:00	DataHawk measurements of turbulence	Lawrence
16:30	Aviation turbulence	Chun
17:00	Discussion	All
18:00	END OF DAY 1	

Wednesday, November 7, 2018

09:00	DNS modeling of turbulence	Fritts
09:30	Suitable averaging for Thorpe analysis	Geller/Wang
10:00	Climatology of unstable layers	Love/Wang/Geller
10:30	Simulating breaking gravity waves	Gassmann
11:00	Morning Break	All
11:30	Increased atmospheric turbulence from climate change	Williams
12:00	Lunch	All
13:30	Intermittency and mixing in stratified turbulent flows	R. Marino
14:00	Parameterization of macro turbulence in high-resolution generation circulation models	Becker
14:30	Stratified turbulence in the middle atmosphere: Scaling analysis, observations, and model results	Avsarkisov
15:00	Discussion	
	Local Excursion	
15:45	Departure Bus to Bad Doberan	
16:15	Sightseeing/Guidance in the “Minster”	
17:30	Departure Bus in Bad Doberan to Kühlungsborn	
19:30	Dinner “Vielmeer”	

Thursday, November 8, 2018

09:00	Turbulence near tropopause	T. Birner
09:30	Turbulence measurements of the research aircraft HALO in the lower stratosphere	M. Bramberger
10:00	Aircraft observations of turbulence in the vicinity of the tropical tropopause – implications for modeling mixing of trace species in a Lagrangian model	A. Podglajen
10:30	Gravity Wave Dynamics and Instabilities in Deep Domains	D. Fritts
11:00	Morning Break	All
11:30	Discussion of Observational Needs	Gerding & All
12:30	Lunch	All
13:30	Discussion of Modeling needs	Fritts & All
14:30	FISAPS plans	Geller/Chun/Birner
15:00	Afternoon break	All
15:30	FISAPS discussion	All
16:30	Suggestions for future meetings, publications, etc.	All
17:00	Final discussions	All
18:00	End of Workshop	