The 1st ANGWIN Workshop Program/Schedule March 13-15, 2013 (version 0.8/20130314)

Venue: Room C301, National Institute of Polar Research (NIPR), Tachikawa, Tokyo, Japan

This program is a tentative version and changes will be made according to the speakers' schedule.

Date	Event	Speaker	Affiliation	Title
13, March				
10:00-12:10				
		Takuji Nakamura	NIPR(JP)	Opening/T. Nakamura (5 min)
		Michael J. Taylor	USU(US)	Brief Introduction of ANGWIN /Mike Taylor (5min)
		Kim Nielsen	UVU(US)	Characteristics of a Decade Long Data Set of Short-period Gravity Waves Observed over Antarctica
		Kazuo Shiokawa	Nagoya U(JP)	Airglow imaging observations of nighttime medium-scale traveling ionospheric disturbances at various latitudes
		Alan Liu	ERAU(US)	Seasonal and Diurnal Variation of Gravity Wave Momentum Flux
		Tracy Moffat-Griffin	BAS(UK)	Developing a ship-borne airglow imager
		Michael J. Taylor	USU(US)	Mesospheric Temperature measurements at polar latitudes
		Masaki Tsutsumi	NIPR(JP)	Recent optical observations for the MLT region at Syowa
12:10-13:15	Lunch			
13:15-15:35				
		Cao Chen	CU(US)	Inertia-gravity waves observed in Antarctica using lidar, radar and airglow imager.
		Changsup Lee	CNU(Korea)	Seasonal Variation of Wave Activities near the Mesopause Region Observed at King Sejong Station (62.22° S, 58.78° W), Antarctica
		Jacobo Salvador	CEILAP (Argentina)	Lidar observation in mid-latitude NDACC station at Rio Gallegos (51° 36'S, 69° 19'W), Patagonia Argentina
		Bernd Kaifler	GAC/IAP(DE)	Gravity waves in the stratosphere and MLT region observed by lidar at Davis
		Yusuke Akiya	Kyoto U(JP)	Observation of airglow from the ISS by the IMAP mission
		Septi Perwitasari	Tohoku U(JP)	Concentric Gravity Wave Pattern Observed in 762 nm Nightglow Emission by IMAP/VISI
		Shin-ichiro Oyama	Nagoya U(JP)	Researching activity of the mesospheric gravity wave with optical instruments at Tromso, Norway
15:35-15:55	Break			
15:55-18:15				
		Jia Yue	Hampton U.(US)	Joint studies of convective gravity waves in the stratosphere and mesosphere from the airglow imager, AIRS and AIM/CIPS
		Xian Lu	CU(US)	Thermal tides and planetary waves observed in the winter Polar region
		Takenari Kinoshita	NICT (JP)	A formulation of three-dimensional residual mean flow and wave activity flux applicable to both gravity waves and Rossby waves.
		Kaoru Sato	U. Tokyo(JP)	Re-examination of observed gravity wave characteristics by using a high-resolution GCM
		J. B. Snively	ERAU(US)	Long-range propagation of gravity waves at high latitude
		Yasunobu Miyoshi	Kyoshu U.(JP)	GCM simulation of the polar atmosphere by GRENE project
		Damian Murphy	AAD(AU)	The 'Gravity wave parameterization in climate models' project: status and ANGWIN related activities.
	Dinner			
POSTER		Hisao Takahashi/ Valentin Bageston	INPR(Brazil)	Optical and radar observations of MLT region over King George Island, Antartica

( ) indicates the title is still tentative and needs to be confirmed.

The program of the 2nd and 3rd days (14th, 15th) is a draft version.
Agenda could be changed according to the discussion in the beginning of the 2nd day.

14, March				
09:30–12:30				Introduction/discussion of data analysis method on airglow imaging
		Huixin Liu	Kyushu U.(JP)	Upper atmosphere response to stratosphere sudden warming: Local time and height dependence simulated by GAIA model
		Kim Nielsen	UVU(US)	(Introduction of analysis method by USU group)
		Alan Liu	ERAU(US)	(Introduction of analysis method by Illinois group)
		Shin Suzuki, Shin-ichiro Oyama	Nagoya U.(JP)	(Introduction of analysis method by STEL Nagoya university group)
		Nakamura, Ejiri, Matsuda	NIPR(JP)	(Introduction of analysis method by NIPR group)
		Takanori Nishiyama	Tohoku U.(JP)	Cross-spectrum analysis and principal component analysis for spatio-temporal aurora variations
		Keisuke Hosokawa	UEC(JP)	Tracking the motion of polar ionospheric disturbances from all-sky airglow imager
		Adrian Grocot (presented by Hosokawa)	U. Leicester(UK)	Characteristics of Medium-Scale Travelling Ionospheric Disturbances Observed near the Antarctic Peninsular by HF Radar (presentet by K. Hosokawa)
		Masaki Tsutsumi	NIPR(JP)	(Notes on analysis method)
		Michael J. Taylor	USU(US)	Summary of ANGWIN activities at USU, 2012
		Jeong-Han Kim, Geonwha Jee	KOPRI(Korea)	New facility in Antarctica
12:30–13:30	Lunch			
13:30–14:30				
				(Sessions can be continued for 1–1.5 hours in PM, if needed)
14:30–	Excursion			Visit Sake Brewery (Ishikawa Shuzo)
15, March				
09:30–12:00				
		Takuji Nakamura	NIPR(JP)	Introduction of NIPR and exchange programs
		Damian Murphy	AAD(AU)	Radar observations of gravity wave activity above Davis, Antarctica.
		Takuo T. Tsuda	NIPR(JP)	(resonance scattering lidar observation @ Syowa)
		Yucheng Zhao	USU(US)	Wave analysis of mesospheric OH Temperature and intensity data from South Pole.
		Michael J. Taylor	USU(US)	AIM satellite and “DEEPWAVE” mission update
		Takashi Matsuda	NIPR(JP)	Gravity waves observed by all sky imagers at Syowa Station
		Kim Nielsen	UVU(US)	quick/recent results
		Mitsumu K. Ejiri	UVU(US)	Rayleigh lidar observation of temperature profiles and gravity wave activities above Syowa, Antarctica
		Shin Suzuki	Nagoya U(JP)	Propagation of short-period gravity waves in the MLT height
12:00–13:00	Lunch			
13:00–16:00				
				Discussion of standardization of data analysis
				Discussion of future collaboration and campaign
				Discussion of second ANGWIN workshop
				Discussion on SCAR
				Discussion on New proposal
				Discussion on Resolutions
				Discussion on potential collaborators
				Any other business

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