

## The 5th KU-NTU Atmospheric Science Students/Young Scientists Exchange Program in 2016

### WORKSHOP

Venue: Kyoto University, Faculty of Science Building #1, Room 563

#### November 11 (Fri)

8:40 - 9:00 registration

#### *Mesoscale convective systems (Chair: YODEN Shigeo)*

9:00 - 9:10	YODEN Shigeo	Department of Geophysics, Kyoto University	Welcome remarks
9:10 - 9:45	WU Chien-Min	Department of Atmospheric Sciences, National Taiwan University	The environment of aggregated deep convection
9:45 - 10:20	TAKEMI Tetsuya	Disaster Prevention Research Institute, Kyoto University	Environmental stability control of the intensity of mesoscale convective systems: Diagnosis, numerical modeling, and implications for future climate conditions
10:20 - 10:40	Coffee break		
10:40 - 11:15	BUI Hoang-Hai	Department of Geophysics, Kyoto University	Nudging experiment with a minimal model of QBO-like oscillation to understand the downward influence to convection
11:15 - 11:50	YU Cheng-Ku	Department of Atmospheric Sciences, National Taiwan University	Upstream influences of topography on the development of precipitation: Some examples in Taiwan
11:50 - 12:10	Introduction of posters: Group1		3 min./each
12:10 - 14:00	Poster session (G1) + lunch		

#### *Convection and subseasonal-to-seasonal variations (Chair: YU Cheng-Ku)*

14:00 - 14:35	SHIGE Shoichi	Department of Geophysics, Kyoto University	Role of orography, diurnal cycle, and intraseasonal oscillation in the nature of summer monsoon rainfall over the Western Ghats and the Myanmar coast
14:35 - 15:10	CHEN Wei-Ting	Department of Atmospheric Sciences, National Taiwan University	Evaluating the bias of East Asia summer monsoon cloud and precipitation in global climate models: the multi-year hindcast approach
15:10 - 15:40	Coffee break (+ poster viewing)		
15:40 - 16:15	NISHIMOTO Eriko	Department of Geophysics, Kyoto University	Influence of the stratospheric Quasi-Biennial Oscillation on the Madden-Julian Oscillation during austral summer

#### *Special Talk (Chair: YODEN Shigeo)*

16:15 - 17:00	Lin Ho	Department of Atmospheric Sciences, National Taiwan University	How best to educate the next generation meteorological students
18:00 -	Group dinner (near the venue)		

#### November 12 (Sat)

#### *Climate change issues (Chair: TAKEMI Tetsuya)*

9:00 - 9:35	YANG Chin-Cheng	Res. Inst. Sustainable Humanosphere, Kyoto University	Is climate change facilitating success of invasive species?
9:35 - 10:10	NODA Satoshi	Department of Geophysics, Kyoto University	Impact of interactive chemistry of stratospheric ozone on southern hemisphere paleoclimate simulation
10:10 - 10:40	Group Photo + coffee break		
10:40 - 11:05	Introduction of posters: Group2		3 min./each
11:05 - 13:00	Poster session (G2) + lunch		

#### *Tropical cyclones (Chair: WU Chun-Chieh)*

13:00 - 13:35	WU Chun-Chieh	Department of Atmospheric Sciences, National Taiwan University	The role of WISHE in SEF and RI
13:35 - 14:10	ENOMOTO Takeshi	Disaster Prevention Research Institute, Kyoto University	Predictability of typhoon tracks: a multi-model multi-analysis approach
14:10 - 14:45	Po-Hsiung Lin	Department of Atmospheric Sciences, National Taiwan University	The development of low-level and light storm tracker for typhoon reconnaissance observation
14:45 - 15:00	YODEN Shigeo	Department of Geophysics, Kyoto University	Closing remarks

End of International Workshop

## **The 5th KU-NTU Atmospheric Science Students/Young Scientists Exchange Program in 2016**

### **Individual discussion**

Place: each research laboratory in Kyoto University

November 13 (Sun)

### **Visit to reseach facilities**

Place: Kyoto University Uji campus and DPRI Ujigawa Open Laboratory

November 14 (Mon)

- 8:30 Meet at the specified points (KU campus, hotel)
- 8:30 - 9:30 MK shuttle to DPRI Ujigawa Open Laboratory
- 9:30 - 11:30 visit to DPRI Ujigawa Open Laboratory (Professor ISHIKAWA)
- 11:30 - 12:00 move to KU Uji campus
- 12:00 - 13:00 (lunch)
- 13:00 - 15:00 visit to DPRI and RISH research facilities (Professors ISHIKAWA and SHIOTANI)
- 15:00 - 17:00 individual discussion in Uji campus
- 17:00 - MK shuttle to KIX airport or hotel