

中国科学院大气物理研究所
 大气科学和地球流体力学数值模拟国家重点实验室
 “第四届 LASG 研究生论坛”日程表
 (2021 年 12 月 6 日, 北京)

Plenary Session		TM Number: 101-279-854
08:30-08:40	Opening Ceremony	Chairs: Jiawen Zhang & Yanbin You
Poster Session		TM Number: 101-279-854
08:40-09:10	Poster Reports	Chairs: Jiawen Zhang & Yanbin You
Poster Presentation Page: http://project.lasg.ac.cn/4th_LPAF/index/POSTER		
08:40-08:43	Mengyu Deng	Contrasts between the interannual variations of extreme rainfall over western and eastern Sichuan in mid-summer
08:43-08:46	Lei Du	Wave Trains of 10–30-Day Meridional Wind Variations over the North Pacific during Summer
08:46-08:49	Junqi Liu	Different Impacts of Intraseasonal Oscillations on Precipitation in Southeast China between Early and Late Summers
08:49-08:52	Zhiqiang Liu	Improving the joint estimation of CO ₂ and surface carbon fluxes using a Constrained Ensemble Kalman Filter in COLA (v1.0)
08:52-08:55	Chang Sun	Increasing extreme cold wave in southwest China under global warming and its possible reason
08:55-08:58	Yiqiong Tang	PV Perspective of the Genesis of a Tibetan Plateau Vortex in June 2016
08:58-09:01	Xi Wang	Reduction of mid-summer rainfall in northern India after the late-1990s induced by the decadal change of the Silk Road pattern
09:01-09:04	Jianjun Xue	Polar WRF V4.1.1 simulation and evaluation for the Antarctic and South Ocean
09:04-09:07	Ping Zhang	Dipole mode of the precipitation anomaly over the Tibetan Plateau in mid-autumn associated with tropical Pacific-Indian Ocean sea surface temperature anomaly: Role of convection over the northern Maritime Continent
09:10-09:15	Break	

Weather and Climate Dynamics, Mechanisms of Climate Changes and Anomalies

09:15-10:30	Oral Reports	Chairs: Ke Xu & Wenxia Zhang
09:15-09:30	Yuewen Ding	Analysis of Ningaloo Niño simulated by two coupled models of FGOALS3
09:30-09:45	Hongyu Hou	Reversal Asymmetry of Rainfall Change Over the Indian Ocean During the Radiative Forcing Increase and Stabilization
09:45-10:00	Jilan Jiang	Three types of positive Indian Ocean dipoles and their relationships with the South Asian summer monsoon
10:00-10:15	Na Li	A Recent Increase in Long-Lived Heatwaves in China under the Joint Influence of South Asia and Western North Pacific Subtropical Highs
10:15-10:30	Shuang Li	Modulation of the Influence of ENSO on Northward-moving Tropical Cyclones in the Western North Pacific by the North Atlantic Tripole SST Anomaly Pattern
10:30-10:35	Break & Poster	
10:35-11:50	Oral Reports	Chairs: Liwei Zou & Yanjie Li
10:35-10:50	Chen Sheng	Interannual influence of the surface PV over the Tibetan Plateau on the East Asian summer rainfall
10:50-11:05	Ge Song	Basin-Wide Connections of Upper-Ocean Temperature Variability in the Equatorial Indian Ocean
11:05-11:20	Mingna Wu	A very likely weakening of Pacific Walker Circulation in constrained near-future projections
11:20-11:35	Ruojing Yan	Multiscale Combined Action and Disturbance Characteristics of Pre-summer Extreme Precipitation Events over South China
11:35-11:50	Jiang Zhou	Mesoscale Eddy-Induced Ocean Dynamic and Thermodynamic Anomalies in the North Pacific

Oral Session B		TM Number: 491-686-143
Earth System Model Development and Predictability		
09:15-10:30	Oral Reports	Chairs: Guodong Sun & Bian He
09:15-09:30	Wenrong Bai	Indo-Pacific Warm Pool Present Warming Attribution and Future Projection Constraint
09:30-09:45	Jilin Wang	An inverse method to estimate the source term of atmospheric pollutant releases
09:45-10:00	Jingwei Xie	A Reynolds and coarse-graining hybrid eddy transport diagnostic framework and its application in the Southern Ocean
10:00-10:15	Lan Xu	Direct Assimilation of the FY-4A AGRI in a Regional Numerical Model and its Impact on the Forecast of the "7·20" Severe Rainstorm in Henan
10:15-10:30	Hao Yang	How to reduce numerical errors near the steep terrain using proper hybrid terrain-following coordinates
10:30-10:35	Break & Poster	
10:35-11:50	Oral Reports	Chairs: Bo Wu & Binghao, Jia
10:35-10:50	Xiaojing Yu	Projection of vapor pressure deficit based on emergent constraints on future warming trends
10:50-11:05	Han Zhang	Ensemble Forecasts of Tropical Cyclone Track with Orthogonal Conditional Nonlinear Optimal Perturbations and the Role of Target Observation Sensitivity
11:05-11:20	Xiaoqi Zhang	Evaluation of the seasonality and spatial aspects of the Southern Annular Mode in CMIP6 models
11:20-11:35	Yichi Zhang	A New Approach to Represent Model Uncertainty Related to Tropical Cyclone Forecasts: Orthogonal Nonlinear Forcing Singular Vectors
11:35-11:50	Ling Zuo	Evaluation and attribution of historical surface air temperature changes over China simulated by coupled and uncoupled models
Plenary Session		TM Number: 101-279-854
11:50-12:00	Summary & Excellent Reports Award	Chairs: Jiawen Zhang & Yanbin You