

<b>Version Nov 8, 2017</b>							<b>IWM-VI Overall Program Summary</b>						
13 Nov (Mo)		14 Nov (Tu)		15 Nov (We)		16 Nov (Th)		17 Nov (Fr)		18(Sa)	19(Su)		
0800- Registration 0900- Opening Group Photo		5. High-Impact Weather(1) chairs: <a href="#">Z Meng</a> , <a href="#">A Dipankar</a> <a href="#">Todd Lane</a> <a href="#">Michael Bell</a> <a href="#">Yali Luo</a> <a href="#">Ming Xue</a>		9. Intraseasonal & S2S(1) chairs: <a href="#">Goswami</a> , <a href="#">Turkington</a> <a href="#">Daehyun Kim</a> <a href="#">Charlotte DeMott</a> <a href="#">Paul Roundy</a> <a href="#">Xianan Jiang</a>		13. Regional Monsoon(5) chairs: <a href="#">KJ Ha</a> , <a href="#">C Gan</a> <a href="#">Tim Li</a> <a href="#">Kunio Yoneyama</a> <a href="#">Chih-Pei Chang</a> Y Takaya, C Matsukawa		17 Modeling & Climate Change(1) chairs: <a href="#">WT Chen</a> , <a href="#">M Hassim</a> <a href="#">Kazuhisa Tsuboki</a> <a href="#">Akio Kitoh</a> YS Lui, CY Tam et al S Kusunoki TY Koh, R Fonseca		CLIVAR/ GEWEX Monsoon Panel Meeting	Send-Off Ceremony JAMESTEC Research R.V. MIRAI		
1020-1035 Break		1020-1035 Break		1020-1035 Break		1020-1035 Break		1020-1035 Break					
2. Regional Monsoon(2) chairs: <a href="#">H Huang</a> , <a href="#">TY Koh</a> <a href="#">Bin Wang</a> <a href="#">B N Goswami</a> <a href="#">Guoxiong Wu</a> Y Liu, X Chen et al		6. High-Impact Weather(2) chairs: <a href="#">R Johnson</a> , <a href="#">A Dipankar</a> <a href="#">Leila Carvalho</a> <a href="#">Jean-Philippe Lafore</a> <a href="#">Zhiyong Meng</a> S Chen, M Flatau et al		10. Intraseasonal & S2S(2) chairs: <a href="#">P Roundy</a> , <a href="#">Turkington</a> <a href="#">Da Yang</a> <a href="#">Ángel Adames</a> <a href="#">Hyemi Kim</a> N Klingaman, C Demott		14. Regional Monsoon(6) chairs: <a href="#">A Grimm</a> , <a href="#">C Gan</a> X Wen R Smith, G Kilroy et al V Dixit, D Mantsis et al K Furtado, P Field et al KC Wong W Boos, M Diaz et al		18 Modeling & Climate Change(2) chairs: <a href="#">G Lau</a> , <a href="#">M Hassim</a> <a href="#">CLIVAR Working on Monsoons/ H Annamalai</a> , <a href="#">W Boos</a> S Peatman, N Klingaman R Ajayamohan, S Sandeep et al WT Chen, CM Wu et al P Terray, K Sooraj et al		at National University Singapore	First IOP - Years of Maritime Continent (YMC)		
1210-1330 Lunch		1210-1330 Lunch		1210-1330 Lunch		1210-1330 Lunch		1210-1330 Lunch					
3. Regional Monsoon(3) chairs: <a href="#">B Wang</a> , <a href="#">X Sun</a> <a href="#">Aurel Moise</a> <a href="#">Kyung-Ja Ha</a> <a href="#">André Lenouo</a> A Sengupta, S Nigam et al		7. High-Impact Weather(3) chairs: <a href="#">Y Luo</a> , <a href="#">J Lo</a> <a href="#">Gabriel Lau (Ming Luo)</a> <a href="#">Kristen Rasmussen</a> Y Luo, R Ma et al C Taylor, D Belušić et al	Short Course <a href="#">R Johnson</a> Monsoon & Tropical Convection	11. Intraseasonal & S2S(3) chairs: <a href="#">D Kim</a> , <a href="#">E Gao</a> <a href="#">Vincent Moron</a> R Wu, C Xi K J J Chan V Misra, A Mishra et al M Flatau, Sue Chen		15. High-Impact Weather(5) chairs: <a href="#">B Timbal</a> , <a href="#">YL Chen</a> <a href="#">Shigeo Yoden</a> <a href="#">Someshwar Das</a> <a href="#">Yukari Takayabu</a> Y Kajikawa, T Yamaura et al		19. Modeling & Climate Change(3) chairs: <a href="#">S Yoden</a> , <a href="#">P Heng</a> M Zuo, W Man et al B Timbal, K Lestari et al Y Xue, W Lau et al T Ose Y Zheng, X Yu et al	Short Course <a href="#">M Bell</a> Radar Meteorology	at Singapore Cruise Centre			
1500-1515 Break		1500-1515 Break		1500-1515 Break		1500-1515 Break		1500-1515 Break					
4. Regional Monsoon(4) chairs: <a href="#">T Lan</a> , <a href="#">X Sun</a> <a href="#">Alice Grimm</a> <a href="#">Lin Wang</a> V Pottapinjara, R Koll et al F Guichard, J Barbier et al C Zhu, B Liu et al		8. High-Impact Weather(4) chairs: <a href="#">M Bell</a> , <a href="#">J Lo</a> K Hunt, A Turner et al N Sun, T Zhou et al S Joseph, A Sahai et al PS. Poster Summaries(1) chairs: <a href="#">A Adam</a> , <a href="#">H Hsu</a> <a href="#">MSS Reception (at Holiday Inn Atrium)</a>	Short Course <a href="#">Y Y Lee</a> <a href="#">D Jeong</a> MME Downscaling	12. Intraseasonal & S2S(4) chairs: <a href="#">C Zhang</a> , <a href="#">E Gao</a> CH Sui, PH Lin et al W Zhang, J Gao et al H Kim, Y Jeong Y Lim, SW Son et al PS. Poster Summaries(2) 12a. Poster Session		16. Poster Session (continued) WGTM Monsoon Panel Meeting	20. Modeling & Climate Change(4) chairs: <a href="#">A Turner</a> , <a href="#">T Zhou</a> <a href="#">GMMIP Team/ A Turner</a> , <a href="#">T Zhou et al Panel Discussion</a>	Short Course <a href="#">T LeFort</a> Tropical Forecasts	CUHK/IEES Reception				

Blue italic: Reviews 20 minutes Presentation + 5 minutes Q&A & transition

Black: Invited and Contributed Oral Papers 12 minutes Presentation + 3 minutes Q&A & transition

Please see List of Invited Review and Oral Papers for titles of papers

<b>IWM-VI Program Details (Version 8 November 2017)</b>					
Time		Author(s)	Title	Affiliation(s)	Abs. No.
<b>Nov. 13, 2017 (Monday)</b>					
08:00 - 09:00		Registration			
09:00 - 09:30		<b>Opening</b>			
09:30 - 09:40		Group Photo			
09:45 - 10:15		<b>1. Regional Monsoon(1)</b> <i>Chair: Ajit Tyagi (CCRS, Meteorological Service Singapore)</i>			
Dev Raj Sikka Memorial Lecture					
09:50 - 10:15	Review	Sulochana Gadgil <sup>1</sup> , P. A. Francis <sup>2</sup> , K. Rajendran <sup>3</sup> , Ravi S. Nanjundiah <sup>1,2</sup> , and Suryachandra A. Rao <sup>2</sup>	Role of Land-Ocean Contrast in the Interannual Variation of the Indian Summer Monsoon Rainfall	<sup>1</sup> Indian Institute of Science; <sup>2</sup> Ministry of Earth Sciences, India; <sup>3</sup> CSIR-Fourth Paradigm Institute, India	1
10:20 - 10:35	<i>break</i>				
10:35 - 12:10		<b>2. Regional Monsoon(2)</b> <i>Chairs: Hans Huang (CCRS, Meteorological Service Singapore) and Tieh-Yong Koh (Singapore University of Social Sciences)</i>			
10:35 - 11:00	Review	Bin Wang	Mechanism and Predictability of Interannual Variation of Asian Monsoon	University of Hawaii, USA	2
11:00 - 11:25	Review	B N Goswami <sup>1</sup> and Neena Joseph Mani <sup>2</sup>	Prediction, Predictability and Multi-Decadal Variability of The South Asian Monsoon	<sup>1</sup> Cotton University, India; <sup>2</sup> Indian Institute of Science Education and Research	3
11:25 - 11:50	Review	Guoxiong Wu, Yimin Liu, and Bian He	The Nature of the Thermal Forcing of the Asian Summer Monsoon	Institute of Atmospheric Physics, Chinese Academy of Sciences	4
11:50 - 12:05		Yimin Liu, Xiaolei Chen, Haifeng Zhuo, Guoxiong Wu, and Qing Bao	Surface Temperature Cold Bias in Climate Models over the Tibetan Plateau and the Associated Asian Monsoon Simulations	Institute of Atmospheric Physics, Chinese Academy of Sciences	39
12:10 - 13:30	<i>Lunch</i>				
13:30 - 15:00		<b>3. Regional Monsoon(3)</b> <i>Chairs: Bin Wang and Xiangming Sun (CCRS, Meteorological Service Singapore)</i>			
13:30 - 13:55	Review	Aurel F. Moise, Josephine R. Brown, Huqiang Zhang, Matthew C. Wheeler, and Robert A. Colman	The Australian Summer Monsoon	Bureau of Meteorology, Australia	5
13:55 - 14:20	Review	Kyung-Ja Ha	Multifaceted Modes in the East Asian-Western North Pacific Summer Monsoon	Pusan National University, South Korea	6
14:20 - 14:45	Review	André Lenou <sup>1</sup> , Wilfried Pokam <sup>2</sup> , Appolinaire Derbetini Vondou <sup>2</sup> , Serge Janicot <sup>3</sup> , and François Kamba Mkankam <sup>4</sup>	The Central African Monsoon	<sup>1</sup> University of Douala, Cameroon; <sup>2</sup> University of Yaoundé I, Cameroon; <sup>3</sup> LOCEAN/IPSL, France; <sup>4</sup> Université des Montagnes, Cameroon	7
14:45 - 15:00		Agniv Sengupta, Sumant Nigam, and Alfredo Ruiz-Barradas	SST-based Statistical Forecast of South-Southeast Asian Summer Monsoon Rainfall Distribution	University of Maryland, USA	40
15:00 - 15:15	<i>Break</i>				
15:15 - 17:00		<b>4. Regional Monsoon(4)</b> <i>Chairs: Todd Lane and Xiangming Sun (CCRS, Meteorological Service Singapore)</i>			
15:15 - 15:40	Review	Alice M. Grimm <sup>1</sup> , Francina Dominguez <sup>2</sup> , Iracema F. A. Cavalcanti <sup>3</sup> , Tereza Cavazos <sup>4</sup> , Manoel A. Gan <sup>3</sup> , Pedro L. Silva Dias <sup>5</sup> , Rong Fu <sup>6</sup> , Christopher Castro <sup>7</sup> , Huancui Hu <sup>2</sup> , and Marcelo Barreiro <sup>8</sup>	South and North American Monsoons: Characteristics, Life Cycle, Variability, Modelling and Prediction	<sup>1</sup> Federal University of Paraná, Brazil; <sup>2</sup> University of Illinois, USA; <sup>3</sup> National Institute for Space Research, Brazil; <sup>4</sup> Centro de Investigacion Cientifica y de Educacion Superior de Ensenada, Mexico; <sup>5</sup> University of São Paulo, Brazil; <sup>6</sup> University of Texas, USA; <sup>7</sup> University of Arizona, USA; <sup>8</sup> Universidad de la Republica, Uruguay	8
15:40 - 16:05	Review	Lin Wang <sup>1</sup> and Wen Zhou <sup>2</sup>	The East Asian Winter Monsoon	<sup>1</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences; <sup>2</sup> City University of Hong Kong	9
16:05 - 16:20		Vijay Pottapinjara <sup>1</sup> , Roxy Mathew K <sup>2</sup> , R Murtugudde <sup>3</sup> , Girish Kumar M S <sup>1</sup> , Subimal Ghosh <sup>4</sup> , Ashok K <sup>5</sup> , and M Ravichandran <sup>1,6</sup>	Mechanistic Links between the Tropical Atlantic and the Indian Monsoon in the Absence of El Nino – Southern Oscillation Events	<sup>1</sup> Indian National Center for Ocean Information Services; <sup>2</sup> Indian Institute of Tropical Meteorology; <sup>3</sup> University of Maryland, USA; <sup>4</sup> Indian Institute of Technology; <sup>5</sup> University of Hyderabad, India; <sup>6</sup> National Centre for Antarctic and Ocean Research, India	41
16:20 - 16:35		Françoise Guichard <sup>1</sup> , Jessica Barbier <sup>1</sup> , Dominique Bouniol <sup>1</sup> , Fleur Couvreux <sup>1</sup> , Laurent Kergoat <sup>2</sup> , Crystèle Léauthaud <sup>3</sup> , and Romain Roehrig <sup>1</sup>	Temperature and Heat Wave Multidecadal Trends in the Sahel during the Pre-monsoon Season	<sup>1</sup> CNRS and Météo-France; <sup>2</sup> GET, France; <sup>3</sup> CIRAD, France	42

16:35 - 16:50		Congwen Zhu <sup>1</sup> , Boqi Liu <sup>1</sup> , Kang Xu <sup>2</sup> , Yishu Pang <sup>3</sup> , and Kai Liu <sup>4</sup>	A Coupling Wheels of East Asian Summer Monsoon and its Diversity on the Interannual Time Scale	<sup>1</sup> Chinese Academy of Meteorological Sciences; <sup>2</sup> South China Sea Institute of Oceanology, Chinese Academy of Sciences; <sup>3</sup> Heavy Rain and Drought-Flood Disasters in Plateau and Basin Key Laboratory of Sichuan Province, China; <sup>4</sup> National Marine Environmental Forecast Center, China	43
<b>Nov. 14, 2017 (Tuesday)</b>					
<b>08:40 - 10:20</b> 5. High-Impact Weather(1) Chairs: Zhiyong Meng and Anurag Dipankar (CCRS, Meteorological Service Singapore)					
08:40 - 09:05	Review	Todd P. Lane, Claire L. Vincent, and Martin Jucker	Diurnally Forced Convection in the Australian Monsoon	The University of Melbourne, Australia	10
09:05 - 09:30	Review	Michael M. Bell	Extreme Precipitation from Tropical Cyclones	Colorado State University, USA	11
09:30 - 09:55	Review	Yali Luo <sup>1</sup> , Xinghua Bao <sup>1</sup> , Rudi Xia <sup>1</sup> , Jinfang Yin <sup>1</sup> , Liping Liu <sup>1</sup> , Weitao Lu <sup>1</sup> , Kalli Furtado <sup>2</sup> , and Xiantong Liu <sup>3</sup>	Progress of the Southern China Monsoon Rainfall Experiment (SCMREX) in 2016-17	<sup>1</sup> Chinese Academy of Meteorological Sciences; <sup>2</sup> Met Office, UK; <sup>3</sup> China Meteorological Administration	12
09:55 - 10:20	Review	Ming Xue <sup>1,2</sup> , Xia Luo <sup>1,2,3</sup> , Kefeng Zhu <sup>1</sup> , Zhengqi Sun <sup>1,2</sup> , and Jianfang Fei <sup>3</sup>	The Controlling Role of Boundary Layer Inertial Oscillations in the Diurnal Cycles of Meiyu Precipitation over China	<sup>1</sup> Nanjing University, China; <sup>2</sup> University of Oklahoma, USA; <sup>3</sup> PLA University of Science and Technology, China	14
10:20 - 10:35	<i>Break</i>				
<b>10:35 - 12:10</b> 6. High-Impact Weather(2) Chairs: Richard Johnson and Anurag Dipankar (CCRS, Meteorological Service Singapore)					
10:35 - 11:00	Review	Leila. M. V. Carvalho <sup>1</sup> and Maria A. F. Silva Dias <sup>2</sup>	Mesoscale and High-Impact Weather in the South American Monsoon	<sup>1</sup> UC Santa Barabra, USA; <sup>2</sup> University of Sao Paulo, Brazil	15
11:00 - 11:25	Review	Jean-Philippe Lafore, Philippe Peyrillé, Romain Rochrig, and Florent Beucher	An Overview of the Weather Conditions and Climate Trends of Extreme Rainfall in the Sahel	Centre National de Recherches Météorologiques, France	16
11:25 - 11:50	Review	Zhiyong Meng and Lanqiang Bai	Tropical Cyclone Tornadoes in Southern China	Peking University, China	33
11:50 - 12:05		Sue Chen, Maria Flatau, Jerome M. Schmidt, and Craig H. Bishop	Interference of the Equatorial Waves on the 2017 Indian Monsoon Northward Progression	Naval Research Laboratory, USA	60
12:10 - 13:30	<i>Lunch</i>				
<b>13:30 - 15:00</b> 7. High-Impact Weather(3) Chairs: Yali Luo and Jeff Lo (CCRS, Meteorological Service Singapore)					
13:30 - 13:55	Review	Ming Luo <sup>1,2</sup> and Ngar-Cheung Lau <sup>1</sup>	Role of Monsoon Variability in Heat Wave Activity over South China and Indochina	<sup>1</sup> The Chinese University of Hong Kong, China; <sup>2</sup> Sun Yat-sen University, China	18
13:55 - 14:20	Review	Kristen L. Rasmussen <sup>1</sup> and Angela Rowe <sup>2</sup>	Characteristics of Extreme Convective Systems in the East Asian Monsoon as Seen by TRMM	<sup>1</sup> Colorado State University, USA; <sup>2</sup> University of Washington, USA	19
14:20 - 14:35		Yali Luo <sup>1</sup> , Ruoyun Ma <sup>1</sup> , Qilin Wan <sup>2,3</sup> , Mingxuan Chen <sup>4</sup> , Mengwen Wu <sup>1</sup> , and Da-Lin Zhang <sup>1,5</sup>	A Record-breaking Rain-producing Meso-β-scale Convective Storm Influenced by Megacity during SCMREX	<sup>1</sup> Chinese Academy of Meteorological Sciences; <sup>2</sup> Institute of Tropical and Marine Meteorology, China; <sup>3</sup> Guangdong Provincial Key Laboratory of Regional Numerical Weather Prediction, China; <sup>4</sup> Institute of Urban Meteorology, Chinese Meteorological Administration; <sup>5</sup> University of Maryland, USA	45
14:35 - 14:50		Christopher Taylor <sup>1,2</sup> , Danijel Belušić <sup>1,3</sup> , Françoise Guichard <sup>4</sup> , Douglas J. Parker <sup>5</sup> , Théo Vischel <sup>6</sup> , Olivier Bock <sup>7</sup> , Philip P. Harris <sup>1,2</sup> , Serge Janicot <sup>8</sup> , Cornelia Klein <sup>1</sup> , and Gérémy Panthou <sup>6</sup>	Intensification of Deep Convection and Extreme Precipitation in the Sahel Observed in 35 Years of Satellite Data	<sup>1</sup> Centre for Ecology and Hydrology, UK; <sup>2</sup> National Centre for Earth Observation, UK; <sup>3</sup> Swedish Meteorological and Hydrological Institute; <sup>4</sup> CNRS and Météo-France; <sup>5</sup> University of Leeds, UK; <sup>6</sup> Univ. Grenoble Alpes, France; <sup>7</sup> Univ. Paris Diderot, France; <sup>8</sup> Sorbonne Univ. UPMC, France	46
15:00 - 15:15	<i>Break</i>				
<b>15:15 - 16:05</b> 8. High-Impact Weather(4) Chairs: Michael Bell and Jeff Lo (CCRS, Meteorological Service Singapore)					
15:15 - 15:30		Kieran Hunt, Andrew Turner, and Len Shaffrey	Structure of Western Disturbances in the Subtropical Jetstream and Mechanisms Associated with Extreme Rainfall in South Asia	University of Reading, UK	47
15:30 - 15:45		Ning Sun <sup>1,2</sup> , TianJun Zhou <sup>1</sup> , and Zhun Guo <sup>1</sup>	The Transportation of Tropospheric Composition to the Lower Stratosphere during Overshooting Deep Convections over 2016 WuHan Rainstorm	<sup>1</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences; <sup>2</sup> University of Chinese Academy of Sciences	48
15:45 - 16:00		Susmitha Joseph, A. K. Sahai, R. Chattopadhyay, S. Abhilash, R. Mandal, and A. Dey	Observational Diagnostics and Extended Range Prediction of Extremes in June Rainfall during Indian Summer Monsoon	Indian Institute of Tropical Meteorology	49
<b>16:00 - 17:00</b>	<b>Poster Oral Summary(1)</b> Chairs: Angel Adames (CCRS, Meteorological Service Singapore) and Hua Hsu (Pacific Science Association)				
<b>Nov. 14, 2017 (Tuesday) - Training Session (Parallel)</b>					

13:30 - 14:15	Short Course	Richard Johnson	Tropical and monsoon convection	Colorado State University, USA	
14:15 - 15:00					
15:00 - 15:15	<i>Break</i>				
15:15 - 16:05	Short Course	Yun-Young Lee, Daeun Jeong	Multi-model ensemble seasonal prediction and regional downscaling using APCC's CLimate Information ToolKit	APEC Climate Center, South Korea	
16:10 - 17:00					
18:30 - 20:00	<i>Meteorological Service Singapore Welcome Reception</i> , hosted by Mr. Ronnie Tay, CEO, National Environmental Agency, Singapore				
<b>Nov. 15, 2017 (Wednesday)</b>					
<b>08:40 - 10:20 9. Intraseasonal &amp; S2S(1)</b> <i>Chairs: B N Goswami and Thea Turkington (CCRS, Meteorological Service Singapore)</i>					
08:40 - 09:05	Review	Daehyun Kim <sup>1</sup> , Eric D. Maloney <sup>2</sup> , and Chidong Zhang <sup>3</sup>	MJO Propagation across the Maritime Continent: Observations and Modeling	<sup>1</sup> University of Washington, USA; <sup>2</sup> Colorado State University, USA; <sup>3</sup> NOAA/PMEL, USA	21
09:05 - 09:30	Review	Charlotte A. DeMott <sup>1</sup> and Nicholas P. Klingaman <sup>2</sup>	Air-Sea Interactions in the Madden-Julian Oscillation	<sup>1</sup> Colorado State University, USA; <sup>2</sup> University of Reading, UK	22
09:30 - 09:55	Review	Paul Roundy	Mid-Latitude Wave Influences on the MJO	SUNY Albany, USA	23
09:55 - 10:20	Review	Xianan Jiang <sup>1</sup> and Daehyun Kim <sup>2</sup>	Progress and Status of MJO Simulation in Climate Models and Process-Oriented Diagnostics	<sup>1</sup> UCLA, USA; <sup>2</sup> University of Washington, USA	24
10:20 - 10:35	<i>Break</i>				
<b>10:35 - 12:10 10. Intraseasonal &amp; S2S(2)</b> <i>Chairs: Paul Roundy and Thea Turkington (CCRS, Meteorological Service Singapore)</i>					
10:35 - 11:00	Review	Da Yang <sup>1,2</sup> , Angel Adames <sup>3</sup> , Boualem Khouider <sup>4</sup> , Bin Wang <sup>5</sup> , and Chidong Zhang <sup>6</sup>	A Review of Current MJO Theories	<sup>1</sup> UC Davis, USA; <sup>2</sup> Lawrence Berkeley National Lab; <sup>3</sup> NOAA/GFDL, USA; <sup>4</sup> University of Victoria, Canada; <sup>5</sup> University of Hawaii, USA; <sup>6</sup> NOAA/PMEL, USA	25
11:00 - 11:25	Review	Ángel F. Adames <sup>1</sup> , Daehyun Kim <sup>2</sup> , Eric D. Maloney <sup>3</sup> , and Adam H. Sobel <sup>4</sup>	Moisture-Convection Feedbacks and the Madden-Julian Oscillation	<sup>1</sup> NOAA/GFDL, USA; <sup>2</sup> University of Washington, USA; <sup>3</sup> Colorado State University, USA; <sup>4</sup> Columbia University, USA	26
11:25 - 11:50	Review	Hyemi Kim <sup>1</sup> and Frédéric Vitart <sup>2</sup>	MJO Prediction: Current Status and Future Challenges	<sup>1</sup> Stony Brook University, USA; <sup>2</sup> ECMWF, UK	27
11:50 - 12:05		Nicholas P. Klingaman <sup>1</sup> and Charlotte A. Demott <sup>2</sup>	The Madden-Julian Oscillation in the Super-Parameterized CAM: Air-sea Interactions and the Role of ENSO	<sup>1</sup> University of Reading, UK; <sup>2</sup> Colorado State University, USA	50
12:10 - 13:30	<i>Lunch</i>				
<b>13:30 - 15:00 11. Intraseasonal &amp; S2S(3)</b> <i>Chairs: Daehyun Kim and Elaine Gao (CCRS, Meteorological Service Singapore)</i>					
13:30 - 13:55	Review	Vincent Moron <sup>1,2</sup> , Rodrigo Bombardi <sup>3</sup> , Harry Hendon <sup>4</sup> , Andrew Marshall <sup>4</sup> , Atul Kumar Sahai <sup>5</sup> , and Rajib Chattopadhyay <sup>5</sup>	Monsoon Sub-seasonal Prediction	<sup>1</sup> Aix-Marseille University, France; <sup>2</sup> Columbia University, USA; <sup>3</sup> Texas A&M University, USA; <sup>4</sup> Bureau of Meteorology, Australia; <sup>5</sup> Indian Institute for Tropical Meteorology	28
13:55 - 14:10		Renguang Wu and Cao Xi	Intraseasonal Variations in the South China Sea during Boreal Winter	Institute of Atmospheric Physics, Chinese Academy of Sciences	51
14:10 - 14:25		Karl Johan Johari Chan	Coupled Ocean-Atmosphere-Land Interactions in the Intraseasonal Variability of the Indian Ocean	University of Reading, UK	52
14:25 - 14:40		Vasubandhu Misra, Akhilesh Mishra, and Amit Bhardwaj	The Simulation of the Intraseasonal Variations of the Indian Summer Monsoon in a Regional Coupled Ocean-Atmosphere Model	Florida State University, USA	53
14:40 - 14:55		Maria Flatau and Sue Chen	The Relationship between Summer Intraseasonal Oscillations Indices and Local Conditions	Naval Research Laboratory, USA	54
15:00 - 15:15	<i>Break</i>				
<b>15:15 - 16:15 12. Intraseasonal &amp; S2S(4)</b> <i>Chairs: Chidong Zhang and Elaine Gao (CCRS, Meteorological Service Singapore)</i>					
15:15 - 15:30		Chung-Hsiung Sui, Po-Hsiung Lin, and Wei-Ting Chen	Embedding Convection in Intraseasonal Oscillations in the SCS and Maritime Continent	Pacific Science Association	55
15:30 - 15:45		Wei Zhang <sup>1</sup> , Jianyun Gao <sup>2</sup> , Kevin K. W. Cheung <sup>3</sup> , and Lijun You <sup>2</sup>	Intraseasonal Variability of the Genesis Potential Index and its Relationship with Tropical Cyclogenesis over Western North Pacific	<sup>1</sup> Longyan Meteorological Bureau, China; <sup>2</sup> Fujian Climate Center, Chinese Meteorological Administration; <sup>3</sup> Macquarie University, Australia	56
15:45 - 16:00		Haejeong Kim and Yoorim Jeong	Enhancing the Practical Usefulness of APCC's BSISO Information : Development of a User Guide for Heavy Rainfall Probability Forecast on Subseasonal Timescale	APEC Climate Center, South Korea	57

16:00 - 16:15		Yuna Lim <sup>1</sup> , Seok-Woo Son <sup>1</sup> , and Daehyun Kim <sup>2</sup>	MJO Prediction Skill of the Subseasonal-to-seasonal (S2S) Models	<sup>1</sup> Seoul National University, South Korea; <sup>2</sup> University of Washington, USA	58
<b>16:15-16:25</b>	<b>Poster Oral Summary(2)</b> Chairs: <i>Angel Adames (CCRS, Meteorological Service Singapore) and Hua Hsu (Pacific Science Association)</i>				
<b>16:25 - 17:00</b>	<b>12a. Poster Session</b>				
<b>Nov. 16, 2017 (Thursday)</b>					
<b>08:40 - 10:20</b>	<b>13. Regional Monsoon(5)</b> Chairs: <i>Kyung-Ja Ha and Christopher Gan (CCRS, Meteorological Service Singapore)</i>				
08:40 - 09:05	Review	Tim Li <sup>1</sup> , Bin Wang <sup>1</sup> , Bo Wu <sup>2</sup> , Tianjun Zhou <sup>2</sup> , and C.-P. Chang <sup>3</sup>	Theories on Formation of an Anomalous Anticyclone in Western North Pacific during El Ninos: A Review	<sup>1</sup> University of Hawaii at Manoa, USA; <sup>2</sup> Chinese Academy of Sciences; <sup>3</sup> Naval Postgraduate School, USA	29
09:05 - 09:30	Review	Kunio Yoneyama <sup>1</sup> and Chidong Zhang <sup>2</sup>	Years of the Maritime Continent (YMC): A 2-year Long Field Campaign in the Largest Archipelago on Earth	<sup>1</sup> Japan Agency for Marine-Earth Science and Technology; <sup>2</sup> NOAA/PMEL, USA	30
09:30 - 09:55	Review	Chih-Pei Chang <sup>1</sup> , Tim Li <sup>2</sup> , and Song Yang <sup>3</sup>	Monsoon Rainfall Prediction Problem in the Western Maritime Continent	<sup>1</sup> Naval Postgraduate School, USA; <sup>2</sup> University of Hawaii, USA; <sup>3</sup> Sun Yat-Sen University, China	31
09:55 - 10:10		Yuhei Takaya <sup>1</sup> and Chihiro Matsukawa <sup>2</sup>	Skillful Prediction of Asian Summer One-Year Ahead	<sup>1</sup> Meteorological Research Institute, Japan Meteorological Agency; <sup>2</sup> Japan Meteorological Agency	59
10:20 - 10:35	<i>Break</i>				
<b>10:35 - 12:10</b>	<b>14. Regional Monsoon(6)</b> Chairs: <i>Alice Grimm and Christopher Gan (CCRS, Meteorological Service Singapore)</i>				
10:35 - 10:50		Xinyu Wen	Correlation and Anti-Correlation of the East Asian Summer and Winter Monsoons during the Last 21,000 Years	Peking University, China	61
10:50 - 11:05		Roger K. Smith <sup>1</sup> , Gerard Kilroy <sup>1</sup> , Michael T. Montgomery <sup>2</sup> , and Hongyan Zhu <sup>3</sup>	The Dynamics of Tropical Lows over Land during the Monsoon	<sup>1</sup> Ludwig-Maximilians University of Munich, Germany; <sup>2</sup> Naval Postgraduate School, USA; <sup>3</sup> Bureau of Meteorology, Australia	62
11:05 - 11:20		Vishal Dixit, Damianos Mantsis, Steven Sherwood, and Olivier Geoffroy	The Mechanism Limiting the Northward Extent of African Monsoon in a GCM and High Resolution (4 Km) Simulations of Present and Past Climate	University of New South Wales, Australia	63
11:20 - 11:35		Kalli Furtado <sup>1</sup> , Paul R. Field <sup>1</sup> , Zhun Guo <sup>2</sup> , Xi Liu <sup>3</sup> , Yali Luo <sup>3</sup> , and Tianjun Zhou <sup>2</sup>	Evaluation of the Effects of Cloud-Microphysics on Convection-Permitting Simulations of Heavy Rainfall over South China during SCMREX	<sup>1</sup> Met Office, UK; <sup>2</sup> Institute of Atmospheric Physics, China; <sup>3</sup> Chinese Academy for Meteorological Sciences	64
11:35 - 11:50		Kai Chi Wong	CSSP MESETA: Comparison of Asian Monsoon Response to Idealised Orography Sensitivity Experiments in Two GCMs	University of Reading, UK	65
11:50 - 12:05		William R. Boos, Michael Diaz, and Naftali Y. Cohen	Genesis Mechanisms and Trends of South Asian Monsoon Depressions	University of California, USA	66
12:10 - 13:30	<i>Lunch</i>				
<b>13:30 - 15:00</b>	<b>15. High-Impact Weather(5)</b> Chairs: <i>Bertrand Timbal and Yun-Lan Chen (CCRS, Meteorological Service Singapore)</i>				
13:30 - 13:55	Review	Shigeo Yoden <sup>1</sup> , Hoang-Hai Bui <sup>2</sup> , and Eriko Nishimoto <sup>3</sup>	Stratosphere-Troposphere Two-Way Dynamical Coupling in the Tropics through Organizations of Moist Convective Systems	<sup>1</sup> Kyoto University, Japan; <sup>2</sup> University of Bergen, Norway; <sup>3</sup> Japan Agency for Marine-Earth Science and Technology	32
13:55 - 14:20	Review	Someshwar Das	Numerical Simulation of Cloudbursts over Mountains	Central University of Rajasthan, India	17
14:20 - 14:45	Review	Yukari N. Takayabu <sup>1</sup> , Atsushi Hamada <sup>1</sup> , Chie Yokoyama <sup>1</sup> , Nagio Hirota <sup>2</sup> , and Hiroki Tsuji <sup>1</sup>	Precipitation Observed from Space and its Extremes	<sup>1</sup> The University of Tokyo, Japan; <sup>2</sup> National Institute for Environmental Studies, Japan	34
14:45 - 15:00		Yoshiyuki Kajikawa <sup>1,2</sup> , Tsuyoshi Yamaura <sup>1</sup> , Hirofumi Tomita <sup>1,3</sup> , and Masaki Satoh <sup>3,4</sup>	Impact of Tropical Disturbance on the Indian Summer Monsoon Onset Simulated by a Global Cloud-System-Resolving Model	<sup>1</sup> RIKEN Advanced Institute for Computational Science, Japan; <sup>2</sup> Kobe University, Japan; <sup>3</sup> Japan Agency for Marine-Earth Science and Technology; <sup>4</sup> The University of Tokyo, Japan	67
15:00 - 15:15	<i>Break</i>				
<b>15:15 - 17:00</b>	<b>16. Poster Session (continued)</b>				
<b>Nov. 16, 2017 (Thursday) - Panel Meeting</b>					
15:15 - 17:00	WWRP Monsoon Panel Meeting				
18:30 - 20:00	<i>Chinese University of Hong Kong Farewell Dinner</i> , hosted by Professor Gabriel Lau, Director of CUHK Institute of Environment, Energy and Sustainability				
<b>Nov. 17, 2017 (Friday)</b>					
<b>08:40 - 10:20</b>	<b>17. Modeling &amp; Climate Change(1)</b> Chairs: <i>Wei-Ting Chen and Muhammad Hassim (CCRS, Meteorological Service Singapore)</i>				

08:40 - 09:05	Review	Kazuhiisa Tsuboki	High-resolution Simulations of Heavy Rainfall and Typhoons Using a Cloud Resolving Model	Nagoya University, Japan	35
09:05 - 09:30	Review	Akio Kitoh <sup>1,2</sup> , Hirokazu Endo <sup>2</sup> , Ryo Mizuta <sup>2</sup> , Hideaki Kawai <sup>2</sup> , and Osamu Arakawa <sup>2</sup>	Future Changes in Global Monsoon Precipitation and their Uncertainty: Results from High-Resolution MRI-AGCM Ensemble Simulation with Multi-SSTs and Multi-Physics	<sup>1</sup> Japan Meteorological Business Support Center; <sup>2</sup> Meteorological Research Institute, Japan	36
09:30 - 09:45		Yuk Sing Lui, Chi-Yung Tam, and Ngar-Cheung Lau	Future Changes in Asian Summer Monsoon Precipitation Extremes as Inferred from 20-km AGCM Simulations	The Chinese University of Hong Kong, China	69
09:45 - 10:00		Shoji Kusunoki	Future Changes in Precipitation over East Asia Projected by Massive Ensemble Simulations with a 60-km Mesh Global Atmospheric Model	Meteorological Research Institute, Japan	70
10:00 - 10:15		Tieh-Yong Koh <sup>1</sup> and Ricardo Fonseca <sup>2</sup>	Improved Rainfall and Cloud-radiation Interaction with Betts-Miller-Janjic Cumulus Scheme in the Tropics	<sup>1</sup> Singapore University of Social Sciences; <sup>2</sup> Lulea University of Technology, Sweden	81
10:20 - 10:35	<i>Break</i>				
<b>10:35 - 12:10</b>	<b>18. Modeling &amp; Climate Change(2)</b> <i>Chairs: Gabriel Lau and Muhammad Hassim (CCRS, Meteorological Service Singapore)</i>				
10:35 - 11:00	Review	H. Annamalai <sup>1</sup> , William Boos <sup>2</sup> , Gill Martin <sup>3</sup> , Brian Mapes <sup>4</sup> , Yi Ming <sup>5</sup> , P. Mukhopadhyay <sup>6</sup> , Tieh-Yong Koh <sup>7</sup> , and Suryachandra Rao <sup>6</sup>	CLIVAR Working Group on Monsoons: Grand Challenges in Monsoon Modeling – Representation of Processes and Source of Model Errors	<sup>1</sup> University of Hawaii, USA; <sup>2</sup> UC Berkeley, USA; <sup>3</sup> Met Office Hadley Centre, UK; <sup>4</sup> University of Miami, USA; <sup>5</sup> NOAA/GFDL, USA; <sup>6</sup> Indian Institute of Tropical Meteorology; <sup>7</sup> Singapore University of Social Sciences	37
11:00 - 11:15		Simon C. Peatman and Nicholas P. Klingaman	The Indian Summer Monsoon in MetUM-GOML2.0: Effects of Air-Sea Coupling and Resolution	University of Reading, UK	72
11:15 - 11:30		R. S. Ajayamohan, S. Sandeep, William R. Boos, T. P. Sabin, and V. Praveen	Poleward Shift and Weakening of Summer Season Synoptic Activity over India in a Warming Climate	NYU Abu Dhabi, UAE	73
11:30 - 11:45		Wei-Ting Chen <sup>1</sup> , Chien-Ming Wu <sup>1</sup> , and Hsi-Yen Ma <sup>2</sup>	The Bias of South China Sea Summer Monsoon Precipitation Associated with Physical Processes in Global Climate Models: The Multi-year Hindcast Approach	<sup>1</sup> Pacific Science Association; <sup>2</sup> Lawrence Livermore National Laboratory, USA	74
11:45 - 12:00		P. Terray <sup>1,2</sup> , K.P. Sooraj <sup>3</sup> , S. Masson <sup>2</sup> , R.P.M. Krishna <sup>3</sup> , G. Samson <sup>4</sup> , and A.G. Prajeesh <sup>3</sup>	Towards a Realistic Simulation of Boreal Summer Tropical Rainfall Climatology in State-of-the-Art Coupled Models	<sup>1</sup> IISc-NIO-IITM-IRD Joint International Laboratory, IITM, India; <sup>2</sup> Sorbonne Universites, France; <sup>3</sup> Indian Institute of Tropical Meteorology; <sup>4</sup> Mercator Océan, France	75
12:10 - 13:30	<i>Lunch</i>				
<b>13:30 - 15:00</b>	<b>19. Modeling &amp; Climate Change(3)</b> <i>Chairs: Shingeo Yoden and Peter Heng (CCRS, Meteorological Service Singapore)</i>				
13:30 - 13:45		Meng Zuo <sup>1,2</sup> , Wenmin Man <sup>1,3</sup> , and Tianjun Zhou <sup>1,2</sup>	Different Impacts of Northern, Tropical and Southern Volcanic Eruptions on the Tropical Pacific SST in the Last Millennium	<sup>1</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences; <sup>2</sup> University of Chinese Academy of Sciences; <sup>3</sup> Jiangsu Collaborative Innovation Center for Climate Change, China	77
13:45 - 14:00		Bertrand Timbal, Kartika Lestari and Jacqueline Lim	Climate Change Impacts on South-Eastern Asia Monsoonal Seasons	CCRS, MSS, Singapore	79
14:00 - 14:15		Yongkang Xue, William K-M Lau, A. Boone, C. R. Mechoso, P. Dirmeyer, and WAMME team	West African Monsoon Decadal Variability and Surface-related Forcings: Second West African Monsoon Modeling and Evaluation Project Experiment (WAMME II)	UCLA, USA	80
14:15 - 14:30		Tomoaki Ose	Systematic Biases of Present-day's Land Surface Air Temperature and Precipitation and Associated Tendency of Future Projection in the Asia Monsoon of the CMIP5 Models	Meteorological Research Institute, Japan Meteorological Agency	78
14:30 - 14:45		Yue Zheng, Xing Yu, Song Yang, and Donghai Wang	The Representation of Cumulus Convection and the Role of Cold Pools in High-Resolution Simulations of South China Warm-sector Rainstorm during Monsoon Seasons	Sun Yat-sen University, China	82
15:00 - 15:15	<i>Break</i>				
<b>15:15 - 16:55</b>	<b>20. Modeling &amp; Climate Change(4)</b> <i>Chairs: Andrew Turner and Tianjun Zhou (CCRS, Meteorological Service Singapore)</i>				
15:15 - 16:55	Review	Andrew G Turner <sup>1</sup> , Tianjun Zhou <sup>2,3</sup> , James Kinter III <sup>4</sup> , Xin Huang <sup>2</sup> , Bo Liu <sup>2</sup> , Senfeng Liu <sup>2</sup> , Kai-Chi Wong <sup>1</sup>	DISCUSSION SESSION: The Global Monsoons Model Intercomparison Project (GMMIP) Contribution to CMIP6	<sup>1</sup> University of Reading, UK; <sup>2</sup> Chinese Academy of Sciences; <sup>3</sup> University of Chinese Academy of Sciences; <sup>4</sup> George Mason University, USA	38
<b>Nov. 17, 2017 (Friday) - Training Session (Parallel)</b>					
13:30 - 14:15	Short Course	Michael M. Bell	Radar meteorology: basics and new developments	Colorado State University, USA	
14:15 - 15:00					

15:00 - 15:15	Break				
15:15 - 16:05	Short Course	Thierry Lefort	Exploitation of MJO and Equatorial wave products for operational analysis and forecasting of TC genesis and extreme	Météo-France	
16:10 - 16:55					
16:55 - 17:00	Closing				
<b>Poster Sessions Nov. 14 - Nov. 16 (Tuesday - Thursday)</b>					
		Ming-Jen Yang, Chang-Hong Lin, Jen-Her Chen, Chien-Han Tseng, and Chung-Hsiung Sui	Ensemble Forecasts of Madden-Julian Oscillations during the DYNAMO Field Campaign Using the Taiwan Weather Bureau Global Model	Pacific Science Association	85
	2.5 min Oral Wednesday	Yan Yu Christy Leung	Forecast of Intense Winter Monsoon in Hong Kong and the Associated Impacts on the Society	Hong Kong Observatory, China	87
2.5 min Oral Tuesday		Charlotte A. DeMott <sup>1</sup> and Nicholas P. Klingaman <sup>2</sup>	Direct and Indirect Ocean Feedbacks to the MJO in Four GCM Experiments	<sup>1</sup> Colorado State University, USA; <sup>2</sup> University of Reading, UK	88
		Ahmadou Aliou Diallo <sup>1,2</sup> , Saïdou Moustapha Sall <sup>1</sup> , and Daouda Badiane <sup>1</sup>	Study of the Pre-stormy to Post-stormy Transition with the ERA-Interim Reanalysis in Summer 2006 in Conakry (Guinea)	<sup>1</sup> Polytechnic High School/ University of Cheikh Anta Diop Dakar-Senegal, Senegal; <sup>2</sup> National Direction of Meteorology, Republic of Guinea	89
2.5 min Oral Tuesday		Yun-Lan Chen <sup>1</sup> , Chung-Hsiung Sui <sup>1</sup> , and Chih-Pei Chang <sup>2</sup>	Defining the MJO in Cold Season for its Influence on East Asian Weather	<sup>1</sup> Pacific Science Association; <sup>2</sup> Naval Postgraduate School, USA	91
		Yuqian Hao, Boqi Liu, Congwen Zhu, and Shuangmei Ma	The Interannual Dominant Co-variation of Boreal Summer Monsoon Rainfall during 1979–2014	Chinese Academy of Meteorological Sciences	92
		Zhao Guixiang <sup>1</sup> , Bo Yanqing <sup>1</sup> , Qiu Guiqiang <sup>1</sup> , and Zhu Yu <sup>2</sup>	Observation Analysis and Numerical Simulation about a Heavy Rain in the Middle of Yellow River	<sup>1</sup> Shanxi Meteorological Observatory, China; <sup>2</sup> Shanxi Meteorological Information Center, China	93
2.5 min Oral Tuesday		Aurel F. Moise <sup>1</sup> , Gill M. Martin <sup>2</sup> , and Nicholas P. Klingaman <sup>3</sup>	Analysis of Monsoon Rainfall Variability Across the Maritime Continent and Tropical Australia from Sub-daily to Monthly Time Scales	<sup>1</sup> Australian Bureau of Meteorology R&D, Australia; <sup>2</sup> Met Office Hadley Centre, UK; <sup>3</sup> University of Reading, UK	94
		Claudia C. Stephan, Nicholas P. Klingaman, Pier Luigi Vidale, Andrew G. Turner, Marie-Estelle Demory, and Liang Guo	Using Empirical Orthogonal Teleconnections to Evaluate Inter-annual Rainfall Variability over China in the MetUM	University of Reading, UK	95
		Liang Guo, Nicholas P. Klingaman, Pier Luigi Vidale, Andrew G. Turner, Marie-Estelle Demory, and Claudia C. Stephan	The Contributions of Local and Remote Atmospheric Moisture Fluxes to East Asian Precipitation and its Variability	University of Reading, UK	96
		Jingliang Huangfu, Ronghui Huang, and Wen Chen	Relationship between the South China Sea Summer Monsoon Onset and Tropical Cyclone Genesis over the Western North Pacific in May	Institute of Atmospheric Physics, Chinese Academy of Sciences	97
		Hongjie Zhang <sup>1,3</sup> , Liang Wu <sup>1</sup> , Ronghui Huang <sup>1</sup> , and Jau-Ming Chen <sup>2</sup>	Intensified Impact of the Central Pacific Warming on the Monsoon Trough over the Western North Pacific since 1984	<sup>1</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences; <sup>2</sup> Pacific Science Association; <sup>3</sup> University of Chinese Academy of Science	98
2.5 min Oral Tuesday		Nozomi Kamizawa <sup>1</sup> and Hiroshi G. Takahashi <sup>1,2</sup>	Long-term Changes in the Interannual Variation of the Asian Summer Monsoon Precipitation under Global Warming Projected by CMIP5 Models	<sup>1</sup> Tokyo Metropolitan University, Japan; <sup>2</sup> Japan Agency for Marine-Earth Science and Technology	99
2.5 min Oral Tuesday		Yoshiyuki Kajikawa <sup>1,2</sup> and Tsuyoshi Yamaura <sup>1</sup>	Decadal Change in the Boreal Summer Intraseasonal Oscillation	<sup>1</sup> RIKEN Advanced Institute for Computational Science, Japan; <sup>2</sup> Kobe University, Japan	100
2.5 min Oral Tuesday		Aurel F. Moise, Josephine R. Brown, Robert A. Colman, and Ian Smith	Increases in Daily to Decadal Variability of Asian-Australian Monsoon Rainfall	Australian Bureau of Meteorology R&D, Australia	101
2.5 min Oral Tuesday		Ying Ying Toh <sup>1,2</sup> , Andrew Turner <sup>1</sup> , Stephanie Johnson <sup>1,3</sup> , and Christopher Holloway <sup>1</sup>	Maritime Continent Seasonal Climate Biases in AMIP Experiments of the CMIP5 Multimodel Ensemble	<sup>1</sup> University of Reading, UK; <sup>2</sup> Malaysian Meteorological Department, Malaysia; <sup>3</sup> ECMWF, UK	102
2.5 min Oral Tuesday		Soraisam Bidyabati and Karumuri Ashok	Uncertainties in Observations and Climate Projections for the North East India	University of Hyderabad, India	103
		Liming Wen <sup>1,2</sup> , Xiaoxue Yin <sup>1,3</sup> , and Lian-Tong Zhou <sup>1</sup>	Interdecadal Variability in the Thermal Difference between Western and Eastern China and its Association with Summer Monsoon Anomalies	<sup>1</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences; <sup>2</sup> Chengdu Meteorology Bureau, China; <sup>3</sup> University of Chinese Academy of Sciences	104

		Ziqian Wang <sup>1</sup> , Song Yang <sup>1</sup> , Anmin Duan <sup>2</sup> , and Kalim Ullah <sup>3</sup>	Tibetan Plateau Heating as a Driver of Monsoon Rainfall Variability in Pakistan	<sup>1</sup> Sun Yat-sen University, China; <sup>2</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences; <sup>3</sup> COMSATS Institute of Information Technology, Pakistan	105
		E. Suhas, J.M. Neena, and V. Sowmya	El-Nino and Monsoon: Pathways and Tele-connection Mechanism	Indian Institute of Science Education and Research Pune	106
2.5 min Oral Tuesday		Vasubandhu Misra, Amit Bhardwaj, and Akhilesh Mishra	Local Onset and Demise of the Indian Summer Monsoon	Florida State University, USA	107
		Hatsuki Fujinami <sup>1</sup> , Tomonori Sato <sup>2</sup> , Hironari Kanamori <sup>1</sup> , and Fumie Murata <sup>3</sup>	Contrasting Features of Monsoon Precipitation around the Meghalaya Plateau under Westerly and Easterly Regimes	<sup>1</sup> Nagoya University, Japan; <sup>2</sup> Hokkaido University, Japan; <sup>3</sup> Kochi University, Japan	108
		H. Annamalai <sup>1</sup> , T. Mohan <sup>1,2</sup> , F. Hanf <sup>4</sup> , B. Taguchi <sup>3</sup> , A.K. – Yoshida <sup>3</sup> , and J. Hafner <sup>1</sup>	Process-oriented Diagnostics on Extended Monsoon Episodes over South Asia	<sup>1</sup> University of Hawaii, USA; <sup>2</sup> IBS Center for Climate Physics, South Korea; <sup>3</sup> JAMSTEC, Japan	109
		Yoorim Jung and Haejeong Kim	Impact of Boreal Summer Intraseasonal Oscillation on Changma Precipitation over Korea	APEC Climate Center, South Korea	110
2.5 min Oral Tuesday		Santosh Kumar Muriki <sup>1</sup> , Saurabh Bhardwaj <sup>1</sup> , Naurinete J.C. Barreto <sup>2</sup> , and Michel d.S. Mesquita <sup>3</sup>	Predictability of Active and Break Spells over India Using Sub-seasonal to Seasonal (S2S) Prediction Project Database	<sup>1</sup> The Energy and Resources Institute, India; <sup>2</sup> Nacional de Pesquisas Espaciais, India; <sup>3</sup> Bjerknes Centre for Climate Research, Norway	111
		Li Guo, Congwen Zhu, and Boqi Liu	The Possible Causes of the Subsequent Heavy Rainfall Events over South China during the 2015/16 Super El Niño Event	Chinese Academy of Meteorological Sciences	112
		Yuyun Liu <sup>1,2</sup> , Lin Wang <sup>1</sup> , and Wen Chen <sup>1</sup>	Interdecadal Non-stationary Relationship between the Wintertime Eurasian Pattern and North Atlantic Sea Surface Temperature	<sup>1</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences; <sup>2</sup> Chengdu University of Information Technology, China	113
		Boqi Liu <sup>1,4</sup> , Congwen Zhu <sup>1</sup> , Yuan Yuan <sup>2</sup> , and Kang Xu <sup>3</sup>	Two Types of Interannual Variability of South China Sea Summer Monsoon Onset Related to the SST Anomalies before and after 1993/94	<sup>1</sup> Chinese Academy of Meteorological Sciences; <sup>2</sup> National Climate Center, China Meteorological Administration; <sup>3</sup> South China Sea Institute of Oceanology, Chinese Academy of Science; <sup>4</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences	114
2.5 min Oral Tuesday		Xin Huang <sup>1,2</sup> , Tianjun Zhou <sup>1</sup> , and Xiaolong Chen <sup>1</sup>	Dominant Role of the Interdecadal Change of Tropical Pacific SST in Drying Northern Central India during the Latter Half of 20C	<sup>1</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences; <sup>2</sup> University of Chinese Academy of Sciences	115
		Siyao Zhao	The Slowdown of Global Monsoon Precipitation Increasing Trend during the Hiatus Period	Institute of Atmospheric Physics, Chinese Academy of Sciences	116
		Yong Liu	An Interdecadal Change of the Leading Modes of Spring Rainfall in Eastern China around the Early-1990s	Institute of Atmospheric Physics, Chinese Academy of Sciences	117
		Naresh Kumar	Synoptic and Dynamical Features Associated with Extreme Rainfall Events over Northwest Himalayas during Southwest Monsoon Season: 1978-2016	India Meteorological Department	118
		Andrew Turner <sup>1</sup> , Ganapati Bhat <sup>2</sup> , and the INCOMPASS team	The INCOMPASS Project Field and Modelling Campaign: Interaction of Convective Organization and Monsoon Precipitation, Atmosphere, Surface & Sea	<sup>1</sup> University of Reading, UK; <sup>2</sup> Indian Institute of Science	120
		Andrew Turner and Arathy Menon	The Dynamic and Thermodynamic Structure over the Northern Plains of India	University of Reading, UK	121
		Shuangmei Ma <sup>1,2</sup> , Tianjun Zhou <sup>2</sup> , Oliver Angéllil <sup>3</sup> , and Hideo Shiogama <sup>4</sup>	Increased Chances of Drought in Southeastern Periphery of the Tibetan Plateau Induced by Anthropogenic Warming	<sup>1</sup> Chinese Academy of Meteorological Sciences; <sup>2</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences; <sup>3</sup> UNSW Australia; <sup>4</sup> National Institute for Environmental Studies, Japan	122
		Jia-Yuh Yu and Yi-Xian Li	Why Rare Tropical Cyclone Genesis over the Western North Pacific in the First Half Years after Super El Nino Events?	Pacific Science Association	123
2.5 min Oral Tuesday		Thang M. Luong <sup>1,2</sup> , Christopher L. Castro <sup>2</sup> , Hsin-I Chang <sup>2</sup> , and Ibrahim Hoteit <sup>1</sup>	The More Extreme Nature of North American Monsoon Precipitation in the Southwestern U.S. as Revealed by Simulated Severe Weather Events	<sup>1</sup> King Abdullah University of Science and Technology, Saudi Arabia; <sup>2</sup> University of Arizona, USA	124
		Chi-Cherng Hong, Chia-Kai Wu, and Yi-Kai Wu	Warm SST in the Subtropical Eastern North Pacific and its Possible Influence on the Interdecadal Change Mei-Yu Rainfall over Southeast Asia	Pacific Science Association	125



		Yi-Kai Wu, Chi-Cherng Hong, and Cheng-Ta Chen	Distinct Effects of the Strong El Niño Events in 2015–2016 and 1997–1998 on the Western North Pacific Summer Monsoon and Tropical Cyclone Activity: Role of PMM-like SSTA	Pacific Science Association	126
2.5 min Oral Tuesday		Mengwen Wu <sup>1</sup> , Yali Luo <sup>1</sup> , and Chun-Chieh Wu <sup>2</sup>	Synoptic Analysis of Extreme Hourly Precipitation in China Mainland and Taiwan	<sup>1</sup> Chinese Academy of Meteorological Sciences; <sup>2</sup> Pacific Science Association	127
		Yangruixue Chen <sup>1,2</sup> and Yali Luo <sup>1</sup>	Statistical Analysis of Morphological Modes of Mesoscale Convective Systems over South China during SCMREX 2013-15	<sup>1</sup> Chinese Academy of Meteorological Sciences; <sup>2</sup> University of Chinese Academy of Sciences	128
		Anmin Duan and Senfeng Liu	Impacts of the Global Sea Surface Temperature Anomaly on the Evolution of Circulation and Precipitation in East Asia on a Quasi-quadrennial Cycle	Institute of Atmospheric Physics, Chinese Academy of Sciences	130
		Liang Wu, Zhiping Wen, Renguang Wu, and Ronghui Huang	Influence of the Monsoon Trough on Tropical Cyclones over the Western North Pacific: Role of Westward-Propagating Tropical	Institute of Atmospheric Physics, Chinese Academy of Sciences	131
2.5 min Oral Tuesday		Peiqiang Xu, Lin Wang, Wen Chen, Juan Feng, and Yuyun Liu	Structural Change of the Pacific-Japan Pattern in the Late 1990s	Institute of Atmospheric Physics, Chinese Academy of Sciences	132
2.5 min Oral Tuesday		Lin Wang, Peiqiang Xu, Wen Chen, and Yong Liu	Interdecadal Variations of the Silk Road Pattern	Institute of Atmospheric Physics, Chinese Academy of Sciences	133
2.5 min Oral Tuesday		Ángel F. Adames and Yi Ming	Moisture-Convection Feedbacks and Monsoon Low-pressure Systems: Analysis Based on Moisture, Moist Static Energy, and Linear Theory	NOAA/GFDL, USA	134
		Pei-Hsuan Kuo, Jen-Ho Chen, Ben-Jei Tsuang, and Chang-Hong Lin	The Simulation of Madden-Julian Oscillations during the DYNAMO Field Campaign using the CWB/GFS Coupled with One Column Ocean Model	Pacific Science Association	135
		Lei Song and Renguang Wu	Processes for Occurrence of Strong Cold Events over Eastern China	Institute of Atmospheric Physics, Chinese Academy of Sciences	136
	2.5 min Oral Wednesday	Furqon Alfahmi	Characteristic of Monsoonal Rainfall over Curvature Coastline at Eastern of Maritime Continent	The Indonesian Agency for Meteorology, Climatology and Geophysics	137
2.5 min Oral Tuesday		Ugochukwu K. Okoro <sup>1,2</sup> , Wen Chen <sup>1</sup> , Debashis Nath <sup>1</sup> , Chidiezie Chineke <sup>2</sup> , and Okey Nwofor <sup>2</sup>	Anomalous Atmospheric Circulations Associated with Recent West African Monsoon Variability	<sup>1</sup> Institute of Atmospheric Physics, Chinese Academy of Sciences; <sup>2</sup> Imo State University, Nigeria	138
		Rahmat Hidayat	Influence of Synoptic-scale Vortex, Cold Surge and the Madden-Julian Oscillation on Precipitation Pattern over Indonesia	Bogor Agricultural University, Indonesia	144
		M. Diop-Kane, A. H. Fink, J. P. Lafore, A. Laing, B. L. Lamptey, D. J. Parker, L. Razafindrakoto, and W. M. Thiaw	A Forecasters' Handbook for West Africa	Météo-France and CNRS	149
		Ben Jong-Dao Jou <sup>1</sup> , Yu-Cheng Kao <sup>1</sup> , Pao-Liang Chang <sup>1</sup> , Kevin Shou-Liang Yu <sup>1</sup> , Chung-Chieh Wang <sup>1</sup> , and Hiroshi Ueda <sup>2</sup>	Convective Variability in Northern Cascade of Snow Mountain and Flash Floods in Taipei during Summer Monsoon Season	<sup>1</sup> Pacific Science Association; <sup>2</sup> Nagoya University, Japan	13
		Hung-Chi Kuo, Yu-Han Chen, Chung-Chieh Wang, and Yi-Ting Yang	Influence of Southwest Monsoon Flow and Typhoon Track on Taiwan Rainfall during Exit Phase: Modeling Study of Typhoon Morakot (2009)	Pacific Science Association	68