	Seventh Workshop on Data Mining in Earth System Science (DMESS 2017)				
	November 18, 2017				
	Pontalba Room on the Mezzanine Level of The Roosevelt New Orleans, a Waldor fAstoria Hotel, New Orleans, Louisiana, USA				
Time	**Title**	**Presenting Author**	**Presentation Type**	**Paper?**	**Authors**
8:30	Introduction to Data Mining in Earth System Science (DMESS)	Forrest M. Hoffman	Introductory Presentation and Panel Charge		Forrest M. Hoffman, Auroop R. Ganguly, Jitendra Kumar, and Richard Tran Mills
9:00	Precipitation Estimate from Multi-Satellite Remote Sensing Measurements using Machine Learning Methods	Kuolin Hsu	Invited Keynote Presentation		Kuolin Hsu and Soroosh Sorooshian
9:30	Convolutional Neural Network Approach for Mapping Arctic Vegetation using Multi-Sensor Remote Sensing	Zachary Langford	Contributed Paper Presenttion	SP19205	Zachary Langford, Jitendra Kumar, and Forrest M. Hoffman
10:00	*Coffee Break*				
10:15	Resolution Reconstruction of Climate Data with Pixel Recursive Model	Sookyung Kim	Invited Paper Presentation	SP19203	Sookyung Kim, Sasha Ames, Chengzhu Zhang, Jiwoo Lee, and Dean Williams
10:45	Quantifying seasonal patterns in disparate environmental variables using the PolarMetrics R package	Bjorn-Gustaf Brooks	Contributed Paper Presentation	SP19206	Bjorn Brooks, Danny Lee, Ankur Desai, Lars Pomara, and William W. Hargrove
11:15	Vital Role of Training and Education in Big Data Applications	David A. Yuen and Gabriele Morra	Invited Keynote Presentation		David A. Yuen and Gabriele Morra
11:45	*Lunch*				
13:00	A Machine Learning Approach to Non-uniform Spatial Downscaling of Climate Variables	Soukayna Mouatadid	Contributed Paper Presentation	SP19207	Soukayna Mouatadid, Steve Easterbrook, and Andre Erler
13:30	Scalable Algorithms for Clustering Large Geospatiotemporal Data Sets on Manycore Architectures	Vamsi Sripathi	Invited Keynote Presentation		
14:00	Deriving Data-driven Insights from Climate Extreme Indices for the Continental US	David Sathiaraj	Contributed Paper Presentation	SP19201	Xinbo Huang, David Sathiaraj, Lei Wang, and Barry Keim
14:30	How Can Physics Inform Deep Learning Methods in Earth System Science?: Recent Progress and Future Prospects	Anuj Karpatne	Invited Keynote Presentation		Anuj Karpatne
15:00	*Coffee Break*				
15:15	DMESS Panel Discussion				
16:30	*Adjourn Workshop*				
19:15	*DMESS Workshop Dinner at the Red Fish Grill (115 Bourbon Street). Meet in hotel lobby at 7:15 p.m. You are responsible for your own food and drinks.*				