

Wednesday July 6

8:30	David Randall	Welcome and Update on MMAP
9:00	Hiroaki Miura	A global cloud-resolving simulation: Results of an aqua-planet experiment
9:30	Wojciech Grabowski	Further development of the super-parameterization concept
10:00	Break	
10:30	Jiun-Dar Chern	Preliminary results of the Goddard multiscale modeling framework
11:00	Wei-Kuo Tao, Robert Atlas, and Jiun-Dar Chern	Requirements of a cloud-resolving model for use in an MMF
11:30	Anning Cheng, Kuan-Man Xu, Yali Luo, Jiundar Chern, and Wei-Kuo Tao	Boundary-layer Clouds in a New Multi-scale Modeling Framework
12:00	Lunch	
1:30	Zhiming Kuang	A new approach for 3D cloud-resolving simulations of large-scale atmospheric circulation
2:00	Leo Donner	From Mixing Ratios to Particle Sizes in CSRM Microphysics
2:30	Yogesh Sud	Parameterizing aerosol-cloud radiation interaction in the fvGCM: Preliminary results with the Nenes and Seinfeld Scheme
3:00	Break	
3:30	Richard Somerville	How and why to upgrade cloud microphysics in GCMs
4:00	Andy Heymsfield	Improved representations of ice particle fallspeeds for use in global scale cloud resolving models
4:30	Peter Blossey	Microphysical sensitivities of cloud-resolving model simulations of KWAJEX
5:00	End of oral session; break until 6 p.m.	
6:00	Poster session with light food and cash bar	
8:00	End of poster session	

Thursday July 7

8:30	Akio Arakawa	Further Motivation, Justification and Technical Design of the Quasi-3D MMF
9:00	Joon-Hee Jung	Preliminary test of a Quasi-3D advection algorithm
9:30	Wayne Schubert	The Inclusion of Entropy Transport by Precipitation and its Effect on Tropical Systems
10:00	Break	
10:30	Tom Ackerman	Evaluating the MMF using ARM data
11:00	Arthur Hou, Wei-Kuo Tao, Derek Posselt, and Graeme Stephens	Improving CRM Physics Within the Data Assimilation Framework,
11:30	Mitch Moncrieff	Fine-scale Simulations of Summertime Convection over the U.S. and Evaluation against NEXRAD Data
12:00	Lunch	
1:30	Kentaroh Suzuki, Teruyuki Nakajima, and Takashi Y. Nakajima	Characteristics of water cloud optical properties as simulated by non-hydrostatic spectral microphysics cloud model
2:00	Stephen W. Nesbitt, Robert Cifelli, and Steven A. Rutledge	Storm morphology and rainfall characteristics of TRMM precipitation features,
2:30	Chris Kummerow	Observations of clouds and precipitation: Towards an understanding of regime dependent physics
3:00	Break	
3:30	Steve Krueger	Multi-Scale Modeling of Fine-Scale Structure in Cumulus Clouds
4:00	Alan Kerstein	Substructure modeling for semi-super-parameterization
4:30	Rod Schmidt	3-D Large Eddy Simulation of Turbulent Flow based on One-Dimensional Turbulence Modeling
5:00	End of oral session; begin break	
6:00	Party at David Randall's house	

Friday July 8

8:30	Marat Khairoutdinov	Analysis of high-resolution simulations of shallow-to-deep convection transition: Implications for parameterization of convection, by Marat Khairoutdinov and David Randall
9:00	Joon-Hee Jung	A new 3D cloud model based on the vector vorticity equation
9:30	Phil Austin	Long time (5-7 day) simulations of boundary layer equilibria using SAM
10:00	Break	
10:30	Joe Klemp	Convection Resolving Forecasting with WRF
11:00	Kuan-Man Xu	Analysis of the Cloud Properties of the GCSS Pacific Cross-Section during 1997/1998 El Niño
11:30	David Randall	Closing discussion
12:00	End of Workshop	