Monday	7 July	
		INAUGURATION ICCP2008
8:00-8:15		**Welcoming remarks: Z. Levin, L. Barrie, G. Raga**
8:15-8:45		**Keynote Presentation: Aerosol impacts on deep convective clouds by William Cotton**
8:45-10:00		**Plenary Oral Session 1 : BASIC CLOUD PHYSICS** **Chairperson: TBD**
8:45-9:00	1.1	**Invited: Roland List** New comprehensive equations for graupel and hailstone growth
9:00-9:15	1.2	**Tsuneya Takahashi, Norihiko Fukuta, Takayuki Hashimoto** Vertical supercooled cloud tunnel studies on the growth of dendritic snow crystals
9:15-9:30	1.3	**Gabor Vali** Surface sources of ice particles in mountain clouds
9:30-9:45	1.4	**Guillermo Montero-Martínez, Raymond A. Shaw, Alexander B. Kostinski, Fernando García-García** Fall speed measurements of raindrops at the ground during precipitation events in Mexico.
9:45-10:00	1.5	**Szymon P. Malinowski, Piotr Korczyk, Tomasz A. Kowalewski** Turbulent mixing of cloud with the environment: two-phase evaporating flow as seen by Particle Imaging Velocimetry.
10:00-10:30		**Coffee Break**
10:30-12:15		**Plenary Oral Session 1 : BASIC CLOUD PHYSICS (Continued)** **Chairperson: TBD**
10:30-10:45	1.6	**Christopher R. Ruehl, Patrick Y. Chuang, Athanasios Nenes** Distinct cloud droplet nucleation kinetics observed above the marine boundary layer
10:45-11:00	1.7	**Heike Eichler, André Ehrlich, Manfred Wendisch, Bernhard Mayer** Influence of Ice Crystal Shape on Retrieval of Cirrus Optical Thickness and Effective Radius
11:00-11:15	1.8	**Jennifer M. Comstock, Ruei-Fong Lin, David O. Starr** Understanding Ice Supersaturation, Particle Growth, and Number Concentration in Cirrus Clouds
11:15-11:30	1.9	**Lian-Ping Wang, Bogdan Rosa, Wojciech W. Grabowski** Turbulent collision-coalescence of cloud droplets and its impact on warm rain initiation
11:30-11:45	1. 10	**Steven K. Krueger, Jaekyoon Oh, Alan R. Kerstein** Enhancement of coalescence due to droplet inertia in turbulent clouds
11:45-12:00	1. 11	**Jan Schlottke, Winfried Straub, Klaus D. Beheng, Bernhard Weigand** Numerical investigation of collision-induced breakup of raindrops. part I: Methodology as well as dependencies on collision energy and excentricity
12:00-12:15	1. 12	**Hugh C. Morrison, Wojciech W. Grabowski** A novel approach for representing ice microphysics in models
12:15-13:15		**Buffet Lunch**
13:15-14:45		**Poster Session P1: BASIC CLOUD PHYSICS**

Chairperson: TBD

P1.1 **Alex b. Kostinski, Will Cantrell**

Entropic Aspects of Supercooled Droplet Freezing

P1.2 **Alexander Avramov, Jerry Y. Harrington**

The influence of crystal habit on simulations of mixed-phase Arctic stratus clouds

P1.3 **Alexei Korolev, George Isaac**

The effect of spatial averaging on the relative humidity and phase composition of clouds

P1.4 **Axel Seifert**

On the parameterization of evaporation of raindrops below cloud base

P1.5 **Boris Y. Grits, Mark Pinsky, Aleksander Khain**

Calculation of collision rate between small non-spherical particles in a turbulent flow

P1.6 **Charmaine N. Franklin**

Warm rain microphysics parameterisations that include the effect of turbulence

P1.7 **Christopher A. Jeffery**

Droplet radius vs subsaturation evaporative timescales: Which timescale has a greater influence on droplet spectra?

P1.8 **Daniel Abreu, Roland List**

Motion patterns of gyrating spheroids for various degrees of spin modulation

P1.9 **Dirk Hoffmann, Christian Weller, Thomas Schaefer, Hartmut Herrmann**

Laboratory studies on cloud chemistry processes

P1.10 **Frédéric Burnet, Jean-Louis Brenguier**

Entrainment and Mixing in Warm Convective Clouds: Effects on Droplet Spectra and on the Onset of Precipitation

P1.11 **Graham Feingold, Patrick Chuang, Jennifer Small, Hongli Jiang, Haflidi. Jonsson, Steven Krueger**

Assessment of Aerosol and Entrainment-Mixing Processes on Drop Size distributions in Warm Cumulus

P1.12 **Jacob P. Fugal, Hansen Nordsiek, Jiang Lu, Ewe Wei Saw, Raymond. Shaw**

Lagrangian Observations of Inertial, Settling Cloud Particles in Turbulent Flow

P1.13 **Jason A. Milbrandt, Ron McTaggart-Cowan**

A Semi-Double-Moment Bulk Scheme

P1.14 **Jerry Y. Harrington, Lindsay Sheridan, Dennis Lamb**

Parameterization of the deposition coefficient for bulk microphysical models: Implications for simulated cirrus.

P1.15 **Joanna Slawinska, Hanna Pawlowska, Hugh Morrison, Wojciech W. Grabowski**

Effects of homogeneous versus inhomogeneous mixing on trade-wind convection as simulated by a two-moment bulk microphysics scheme

P1.16 **Karoline Diehl, Nadine von Blohn, Stephan Borrmann, Subir K. Mitra**

Laboratory experiments on growth rates, regimes, and collection kernels during riming

P1.17 **Lance R. Collins, Sathyanarayana Ayyalasomayajula, Raymond A. Shaw, Zellman Warhaft**

Experimental measurements and numerical modeling of inertial droplets in high-Reynolds-number turbulence

P1.18 **Lester Alfonso, Graciela B. Raga, Darrel Baumgardner**

A stochastic model for the collection growth of ice particles in mixed-phase clouds

P1.19 **Lester Alfonso, Graciela B. Raga, Darrel Baumgardner**

Monte Carlo simulations of two-component drop growth by stochastic coalescence

P1.20 **Lian-Ping Wang, Bogdan Rosa, Hui Gao, Wojciech W. Grabowski**

Recent advances in modeling aerodynamic interaction and collision efficiency of cloud droplets

P1.21 **Mahlon P. Rambukkange, Johannes Verlinde, Pavlos Kollias, Edward Luke**

A new mode of ice nucleation ?

P1.22 **Miklós Szakáll, Karoline Diehl, Subir K. Mitra, Stephan Borrmann**

Shape oscillations of freely falling raindrops

P1.23 **Mladjen Curic, Dejan Janc, Vladan Vuckovic**

The Role of Truncated Spectrum in Accreatian Rate Calculations

P1.24 **Nadine von Blohn, Karoline Diehl, Subir K. Mitra, Stephan Borrmann**

Retention of trace gases during riming of ice particles and snow flakes

P1.25 **Norihiko Fukuta**

Diffusion-Kinetic Droplet Growth Theory With the Moving Surface-Boundary Effect (DKMB) for Cloud Study

P1.26 **Roland List, Daniel Abreu**

Shape evolution of growing hailstones as function of gyration parameters

P1.27 **Roland List, Daniel Abreu**

Drop shedding from growing hailstones, processes and predictions

P1.28 **Sandra Turner, Jean-Louis Brenguier, Christine Lac**

Parameterization of subgrid scale cloud variability in mesoscale models

P1.29 **Sarah Berthet, Maud Leriche, Jean-Pierre Pinty**

Scavenging of aerosol by rain in a cloud resolving model

P1.30 **Stefanie Wassermann, Michael Kunz, Christoph Kottmeier**

Mechanisms of Precipitation over complex terrain

P1.31 **Steven K. Krueger**

Fine-scale modeling of entrainment and mixing of cloudy and clear air

P1.32 **Vladimir Smorodin, Norihiko Fukuta**

The Fuchs boundary sphere method in the throry of droplet growth

P1.33 **Xing-Can Jia, Sheng-Jie Niu**

Analyses of Raindrop Size Distributions from Stratiform and Convective Clouds over Guyuan, China

P1.34 **Yasushi Fujiyoshi, Ikuyo Yamamura, Nobuhiro Nagumo, Katsuhiro Nakagawa, Ken-ichro Muramoto, Toyoshi Shimomai**

The maximum size of raindrops –Can it be a proxy of precipitation climatology ?

13:15-14:45 **Poster Session P2: STRATUS CLOUDS**

Chairperson: TBD

P2.1 **Andreas Mühlbauer, Ulrike Lohmann**

Modeling warm-phase orographic clouds and precipitation at the Jungfraujoch in Switzerland

P2.2 **Anping Sun, Guoguang Zheng, Guoqing Zhang**

Preliminary Investigations of Orographic Cloud Characteristics over the Southern Slope Area of Qilian Mountain

P2.3 **Chang K. Kim, Seong S. Yum**

Understanding of the formation mechanism of cold water fogs off the west coast of the Korean Peninsula

P2.4 **David Painemal, Paquita Zuidema**

Cloud droplet number concentration variability over the Southeast Pacific Stratocumulus region

P2.5 **Dione L. Rossiter, Jennifer D. Small, Chuang Y. Chuang**

Observations of Size-resolved Drizzle Rates in Marine Stratocumulus

P2.6 **Ewan J. O`Connor**

Using Doppler lidar and radar to evaluate the representation of drizzle in models

P2.7 **Faisal S. Boudala, George A. Isaac**

Parameterization of ice particle spectra in extra tropical clouds: Normalization approach

P2.8 **Faisal S. Boudala, George A. Isaac, Andre Tremblay**

A new bulk ice microphysical scheme based on in-situ observations

P2.9 **Frederick Chosson**

Aerosol Indirect effects in ship tracks: Numerical Simulations

P2.10 **Hermann E. Gerber, Steven K. Krueger**

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P2.11 **Jiefan Yang, Hengchi Lei**

Study on the Stratiform Cloud Numerical Model and Actual Observation

P2.12 **Jing Sun, Pengyun Wang**

Numerical study on microphysical processes of two different snowfall cases in North China

P2.13 **Kenji Suzuki, Shunsuke Shigeto, Takumi Koga, Kazue Morinaga, Kunio Yoneyama**

Microphysical structures of stratiform clouds associated with the MJO observed during MISMO project

P2.14 **Keun Y. Song, Seong S. Yum**

LES model simulations of CCN impacts on stratocumulus microphysics and dynamics

P2.15 **Lei Meng, Sheng-Jie Niu, Ning Luo, Ji-Fen Wen**

Analysis of the Evolution of Microphysical Characteristics of fog droplets in rime and glaze

P2.16 **Ling-Ling Wang, Sheng-Jie Niu, Chun-Song Lu, Jie Xu, Ning Luo, Jun-Wei Yu**

An analysis of characteristic fog-droplet size distributions on Guizhou Yunwu Mountain

P2.17 **Marcin J. Kurowski, Krzysztof E. Haman, Wojciech W. Grabowski, Szymon P. Malinowski**

Observations and numerical modeling of entrainment and mixing near the top of marine stratocumulus.

P2.18 **Natalia A. Bezrukova**

Climatology of the glaze and rime on the Russian Arctic coast stations

P2.19 **P.M.M. Soares, P.M.A. Miranda, A. Catarino**

Momentum fluxes in the cloudy boundary layer: LES diagnostics

P2.20 **Raymond A. Shaw, Holger Siebert**

Correlations of Turbulence and Droplet Size from Simultaneous, High-Resolution Measurements in Stratocumulus Clouds

P2.21 **Sabine Goeke, Leila Konkola**

Interpretation of polarization radar measurements of the melting layer

P2.22 **Sheng-Jie Niu, Jie Xu, Chun-Song Lu, Jing-Jing Lu, Wei-Wei Wang, Zi-Hua Li**

Analysis of the microphysical structures of ultra heavy fog around Nanjing in the 2006 winter

P2.23 **Simon P. de Szoeke, Chris W. Fairall**

NOAA ship observations of southeast tropical Pacific stratus clouds

P2.24 **Svitlana V. Krakovska**

Tests of bulk cloud microphysics parameterizations in the explicit cloud model

P2.25 **Takamichi Iguchi, Teruyuki Nakajima, Alexander Khain, Kazuo Saito, Toshihiko Takemura, Hajime Okamoto, Tomoaki Nishizawa**

A simulation of radar- and lidar-derived vertical structures of frontal cloud using a bin-type cloud microphysical model

P2.26 **Tempei Hashino, Greg J. Tripoli**

Evolution of Particle Size Distribution and Ice Crystal Habit

P2.27 **Tianyu Chen, Yue Chen**

Primary Observation Results of Orographic Clouds on North Slop of Qi-Lian mt.

P2.28 **Virendra P. Ghate, Bruce A. Albrecht**

Turbulence Structure of Continental Boundary Layer Clouds

P2.29 **Weiguo Liu, Qijun Liu**

A Numerical Simulation of Orographic Cloud over Qilian Mountains in Summer by ARPS model with Improved ice Microphysical Scheme

P2.30 **Xincheng Ma, Qiang Zhang, MengYu Huang, Hongyu Li**

Observed Macroscopical and Microphysical Structure of Stratus Clouds in Beijing

P2.31 **Yanchao Hong, Feifei Zhou, Zongxiu Liu**

The Study on Potential of Artificial Precipitation Enhancement for Stratus Clouds System

P2.32 **Yuquan Zhou, Zhijin Hu, Shuhui zhao**

Observational Study on Stratiform Cloud Structure and Cloud-seeding Condition of Precipitation Enhancement Based on Observations of TRMM Satellite and Aircraft

P2.33 **Zhaoxia Hu, Hengchi Lei, Xueliang Guo, Dezhen Jin, Yanbin 1. Qi, Xiaoqing Zhang**

Studies of the Structure of a Stratiform Cloud and the Physical Processes of Precipitation Formation

P2.34 **Zhen Zhao, HengChi Lei**

A Numerical Simulation of Cloud Physical Structure and Microphysical Processes Associated with Stratiform Precipitation in Northwest China

P2.35 **Zlatko Vukovic**

The conditions and depth of relative homogenous cloud layer in the stratus clouds

14:45-16:45		**Plenary Oral Session 2: STRATUS CLOUDS** **Chairperson: TBD**
14:45-15:00	2.1	**Invited: Bruce Albrecht** Aerosol-Cloud-Drizzle Interactions in Marine Stratocumulus—Nature's Way and Man's Way
15:00-15:15	2.2	**Wolfram Wobrock, Jean-François Gayet, Guillaume Mioche, Alfons Schwarzenböck, Andrea. Flossmann** Microphysical characteristics of Arctic stratus observed during ASTAR2 - a comparison between observations and detailed microphysical modeling
15:15-15:30	2.3	**Holger Siebert, Raymond Shaw** The small-scale structure of turbulence in marine stratocumulus
15:30-15:45	2.4	**Lee D. Smith, Anthony J. Illingworth** Global statistics of the liquid water path and drizzle occurrence in liquid water clouds derived from CloudSat using the attenuation of the ocean return.
15:45-16:00	2.5	**Kenneth Sassen** As Snow Changes to Rain: Understanding the Vicissitudes of Electromagnetic Scattering Through the Melting Layer (from Above and Below)
16:00-16:15	2.6	**Hailong Wang, Graham Feingold, Huiwen Xue** Modeling Aerosol Effects on the Formation of Pockets of Open Cells in Marine Stratocumulus Using an Embedded LES in a Mesoscale Model
16:15-16:30	2.7	**Tatu Anttila, Veli-Matti Kerminen** On the contribution of Aitken mode particles to cloud droplet populations at clean continental areas - a parametric sentivity study
16:30-16:45	2.8	**Leehi Magaritz, Mark Pinsky, Alexander Khain** Drizzle formation in stratiform clouds: random nature and lucky parcels

END OF SESSIONS

19:00-20:00	**Welcome Cocktail**