

WBLP working group breakout agenda (Friday 2 p.m. EST, 06/26)

- 14:00 – 14:05 opening (Yunyan Zhang and Rob Wood)
- 14:05 – 15:20 Mini talks (5 minutes each: 3 min talk + 2 min question, 3 slides at most).
  1. A more general paradigm for understanding the decoupling of stratocumulus-topped boundary layers (STBL): the importance of horizontal temperature advection (Youtong Zheng)
  2. Sensitivities of shallow-cumulus entrainment to vertical wind shear (Daniel Kirshbaum)
  3. Using Cloud Radar to Retrieve Entrainment Rates in Stratocumulus Cloud Systems (Steve Krueger)
  4. LWP adjustments in non-precipitating clouds (Franziska Glassmeier)
  5. Inhomogeneous mixing effects on stratus cloud and drizzle microphysics (Jim Hudson)
  6. The partition of cloud and drizzle LWP in warm boundary layer clouds (Maria Cadeddu)
  7. Assessment of precipitating marine stratocumulus cloud in E3SMv1 (Xue Zheng)
  8. Cloud Edge Properties over Ocean and Land Observed by ARM Shortwave Spectrometer (Sasha Marshak)
  9. Shallow cumulus radiance (Jake Gristey)
  10. Warm boundary layer processes and parameterizations: the synergy of observation analysis and modeling (Zhien Wang & Hyeyum Hailey Shin)
  11. Observational evidence of the land cover effect on shallow cumulus clouds over Southern Great Plains (Jingjing Tian)
  12. Size Decompositions of Observed and Simulated Shallow Convective Cloud Fields (Philipp Griewank)
  13. The observed variation of updrafts with height in the cumulus topped boundary layer (Neil Lareau)
- 15:20 – 15:45 Short updates from field campaigns and ARM infrastructure (5-min each)
  1. Infrastructure Update (Shaocheng Xie)
  2. AMF3 (Chongai Kuang)
  3. Advance Atmospheric Process Studies in High-Altitude Complex Terrain with the Surface Atmosphere Integrated field Laboratory (SAIL) (Dan Feldman)
  4. Shortwave-absorbing aerosols and their interactions with the large-scale environment (Paquita Zuidema)
  5. LASSO update (Bill Gustafson)
- 15:45 – 16:00 Discussion on CPMSG metrics and decadal plan (Christine Chiu, 15 min)