

Strawman: NSF Workshop on Instrumentation for Convective and Turbulence Studies

March 16, 2017

1. Boundary layers and shallow convection (day 1 morning)
 - (a) Stable environments
 - (b) Neutral and convective environments
 - (c) Orographic effects
2. Dynamics and thermodynamics of deep convection (day 1 afternoon)
 - (a) Continental convection
 - (b) Maritime convection
3. Turbulence (day 2 morning)
 - (a) Momentum transport
 - (b) Passive scalar transport
4. Associated topics (day 2 afternoon)
 - (a) Chemistry
 - (b) Cloud electricity and lightning
 - (c) Cloud physics and aerosols
 - (d) Radiation
5. Synthesis (day 3 morning)