

ISSI workshop on “Shallow clouds and water vapor, circulation and climate sensitivity”
Chapter assignments (14 Apr 2016)

Low cloud feedbacks

1. [Review of low cloud feedbacks](#) (Jessica)
2. [EUREC^4A](#) (Sandrine)
3. [Constraints on shallow cloud feedbacks from long-term satellite observations](#) (Dave W.)
4. [Constraints on shallow cloud feedbacks from present-day relationships](#) (Matt)

Self-aggregation

1. [Overview](#) (Kerry)
2. [Observing convective aggregation](#) (Chris)
3. [Observational tests/OSSE](#) (Dave T.)

Lower tropospheric water vapor

1. [Overview/importance functions](#) (Brian)
2. [What do we currently know about where water vapor is and isn't?](#) (Robert)
3. [Emerging technologies for measuring lower troposphere water vapor](#) (Amin)
4. [Structure and dynamical influence of water vapor in the lower troposphere](#) (Bjorn)
5. [Case study — model constraints with present microwave observations](#) (Steve S.)

Cross-cutting

1. [Why do shallow cloud precipitate?](#) (Louise)
2. [Long-term ground-based observations for studying clouds and water vapor](#) (Steve K.)
4. [Shallow circulations: relevance and strategies for satellite observation](#) (Gilles)
5. [On precipitation- and radiation-induced cold pools](#) (Paquita)