

Session 3

Forecasting, Parameterization, Prediction

- Aerosols-Chemistry->Clouds -> Precipitation
- Blowing Snow is the hazard (impact), snow is the source
- Potential of various microwave channels for snow detection? Information content – noise, surface, snow
- Models at many scales – lack of obs/errors at high latitudes for validation (and assimilation)
- Surface parameterization is complex (need for simplicity) and validation needs to account for this