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/erros at high latitudes for validation (and assimilation)
• Surface parameterization is complex (need for simplicity) and validation needs to account for this