

Every Day

7:00–8:00 Breakfast

11:30–12:30 Lunch

1:30–2:00 Coffee

4:30–5:30 Dinner

Monday August 20

8:15–8:45 Welcome–David Schultz, Administration–Antti Lauri

8:45–10:15 Lecture (1:30) An Overview of Numerical Weather Prediction–David Stensrud

10:15–10:30 Break

10:30–11:30 Seminar: The Dynamics of Hurricanes–Roger Smith

12:15–1:30 Lecture (1:15): Overview of the Effects of Mountains on Weather–David Whiteman

2:00–3:45 Lecture (1:45): Thermally Driven Circulations in Complex Terrain–David Whiteman

3:45–4:00 Break

4:00–4:30 Student Presentations

5:30 Tour of Hyytiala

Tuesday August 21

8:15–9:45 Lecture (1:30): Atmospheric Stable Boundary Layers: Bulk Features and Turbulence Closure–Sergej Zilitinkevich

9:45–10:00 Break

10:00–11:30 Lecture (1:30): The "Inversion": Evolution of Cold-Air Pools–Dave Whiteman

12:15–1:30 Lecture (1:15): Theory and Observations of Fronts I–Roger Smith

2:00–3:45 Lecture (1:45): Parameterization Schemes–David Stensrud

3:45–4:00 Break

4:00–4:30 Student Presentations

5:30 Evening Discussion: Developing Your Career

Wednesday August 22

8:15–9:45 Lecture (1:30): Basics of Cloud-Scale Numerical Modeling–George Bryan

9:45–10:00 Break

10:00–11:30 Lecture (1:30): Meteorology of Atmospheric Aerosol Formation Events–Larisa Sogacheva

12:15–1:15 Seminar: Meteor Crater Experiment METCRAX 2006–David Whiteman

1:15 Afternoon Recreation and Socializing

5:30 Evening Discussion: The Peer Review Process and Publishing Journal Articles

Thursday August 23

8:15–9:45 Lecture (1:30): Dynamics of Deep Moist Convection–George Bryan

9:45–10:00 Break

10:00–11:30 Lecture (1:30): Orographically Induced Heavy Precipitation–Sabine Goeke

12:30–1:30 Seminar: Ensemble Kalman Filter Assimilation of Surface Observations–David Stensrud

2:00–3:45 Lecture (1:45): Theory and Observations of Fronts II–Roger Smith

3:45–4:00 Break

4:00–4:30 Discussion: High-resolution versus ensemble modeling systems

Group Dinner

Friday August 24

8:15–9:45 Lecture (1:30): Mesoscale Predictability–David Stensrud

9:45–10:00 Break

10:00–11:30 Lecture (1:30): Dynamics of Mesoscale Convective Systems–George Bryan

12:30–1:30 Seminar: Recent Work on Resolution Sensitivity for Squall Lines and Supercells–George Bryan

2:00–3:30 Lecture (1:30): Theory and Observations of Fronts III–Roger Smith

3:30–3:45 Break

3:45–4:30 Closing–David Schultz