

Colloquium on Data Assimilation for Atmospheric and Climate System Prediction 7-18 July 2003

Agenda

Sunday, 6 July, 2003 5:00--7:30 p.m. Welcome reception at Williams Village, Darley Commons Lobby

Monday, 7 July, 2003

8:30--8:45 Welcome
8:45-10:15 Introduction to Global Models: Tribbia
10:15-10:45 Break / Informal Discussion
10:45-12:15 Introduction to Projects and DART: Anderson
12:15--1:15 Lunch
1:15--2:45 Introduction to Regional Models: Kuo
2:45--3:15 Discussion
3:15--5:30 Break / Projects: WRF 3D-Var tutorial

Tuesday, 8 July, 2003

8:30-10:00 Introduction to Statistics: Nychka
10:00-10:30 Break / Informal Discussion
10:30-12:00 Introduction to Data Assimilation: Snyder
12:00--1:00 Lunch
1:00--2:30 Introduction to Observations: Schlatter
2:30--3:00 Discussion
3:00--5:00 Break / Projects: Introduction to DA
5:00--5:05 Bus departs for Flagstaff picnic area
5:30--7:00 Picnic

Wednesday, 9 July, 2003 (To be held at NCAR's Mesa Lab)

8:30-10:00 OI and 3DVar: Schlatter
10:00-10:30 Break / Informal Discussion
10:30-12:00 4DVar: Talagrand
12:00--1:00 Lunch
1:00--2:30 Computational Issues: Da Silva
2:30--5:30 Mesa Lab Tour / Hike

Thursday, 10 July, 2003

8:30-10:00 Kalman Filters: Fisher
10:00-10:30 Break / Informal Discussion
10:30-12:00 Ensemble Kalman Filters: Houtekamer

12:00--1:00 Lunch
1:00--2:30 Practice of Quality Control: Dee
2:30--3:00 Discussion
3:00--5:30 Break / Projects

Friday, 11 July, 2003

8:30-10:00 Covariance Models [part 1](#), [part 2](#): Purser
10:00-10:30 Break / Informal Discussion
10:30-12:00 A Posteriori Diagnostics: Talagrand
12:00--1:00 Lunch
1:00--2:30 Dealing with Model Error: Dee
2:30--3:00 Discussion
3:00--5:30 Break / Projects

Monday, 14 July, 2003

8:30-10:00 NCEP Global System: Derber
10:00-10:30 Break / Informal Discussion
10:30-12:00 ECMWF Operational System: Fisher
12:00--1:00 Lunch
1:00--2:30 Canadian Operational and Research Systems: Houtekamer
2:30--3:00 Discussion
3:00--5:30 Break / Projects

Tuesday, 15 July, 2003

8:30-10:00 Assimilation of Satellite Observations: Derber
10:00-10:30 Break / Informal Discussion
10:30-12:00 Bayesian Estimation and Tuning of Parameters: Purser
12:00--1:00 Lunch
1:00--2:30 Hybrid methods: Hansen [presentation](#)
2:30--3:00 Discussion
3:00--5:30 Break / Projects

Wednesday, 16 July, 2003

8:30-10:00 Regional Data Assimilation: Zou
10:00-10:30 Break / Informal Discussion
10:30-12:00 Convective Scale Data Assimilation: Sun
12:00- Lunch / Hike or other activity

Thursday, 17 July, 2003

8:30-10:00 Assimilation of GPS observations: Zou
10:00-10:30 Break / Informal Discussion
10:30-12:00 Chemical Data Assimilation and Inverse Modelling: Khattatov
12:00--1:00 Lunch
1:00--2:30 Ocean Data Assimilation (TBA)
2:30--3:00 Discussion
3:00--5:30 Group Photo / Break / Projects

Friday, 18 July, 2003

8:30-10:00 Student Presentations

10:00-10:30 Break / Informal Discussion

10:30-12:00 Extended Discussions of Challenges, Opportunities, and Good Research

Directions

12:00--1:00 Lunch

1:00- Student Presentations

[Home](#)

Questions can be sent via email to: judy@ucar.edu