

SDO/HMI - CSAC Azimuth Ambiguity Resolution Workshop Agenda
NCAR CG-1 Room 2126
26-27 September 2005

Monday 26 September 2005

8:30 Coffee, Continental Breakfast Items

9:00 Welcome: Michael Knoelker, Director HAO

9:05 Introduction to the Workshop: Bruce Lites

SUMMARIES OF AMBIGUITY RESOLUTION METHODS

9:15 Allen Gary: Ambiguity Resolution at the MSFC Magnetograph

9:45 K.D. Leka: Hawaii Iterative Method ("current 1")

10:00 Tom Metcalf: "current 2" and "current 3"

10:30 Break

10:45 Meir Semel: Ambiguity-Free Jz

11:15 Bruce Lites: The AZAM Utility

11:45 Manolis Georgoulis: Structure Minimization and Nonpotential Magnetic Field Calculation (NPFC)

12:15 Huairou Method (from H.N. Wang, presented by K.D. Leka)

12:30 - 13:30 Lunch in CG-1 Cafeteria

13:30 Jing Li, by telephone from UH/IfA (2--3 methods)

14:00 Alexei Pevstov (presented by K.S. Balasubramaniam): New Iterative Method of the Azimuth Ambiguity Resolution

14:30 Discussion: How Do We Compare Ambiguity Resolution Methods?

15:30 Break

16:00 Comparison of Ambiguity Resolution Methods: Model Data

17:30 Adjourn

18:30 Dinner at Selected Boulder Restaurant

Tuesday 27 September 2005

8:30 Coffee, Continental Breakfast Items

9:00 Comparison of Ambiguity Resolution Methods: Application to Observations

10:30 Break

10:45 Discussion: Ambiguity Resolution Methods for Automatic Processing
(Discussion Leader: Jack Harvey)

Which extant method(s) now seem best for continuous large data
sets from the likes of SOLIS/VSM, Solar-B, HMI?

12:30 - 13:30 Lunch in CG-1 Cafeteria

13:30 Discussion: Possible New Avenues for Ambiguity Resolution
*(Discussion Leader, K.S. Balasubramaniam)

15:00 Break

15:15 Tom Metcalf: Workshop Summary and Final Discussion

16:00 Adjourn