

## **AGENDA**

# 3<sup>rd</sup> Workshop on Hyperspectral Meteorological Science of UW MURI and Beyond

THE PYLE CENTER
702 LANGDON STREET, MADISON (608-262-1122)
UNIVERSITY OF WISCONSIN–MADISON
28–29 MAY 2003

## Wednesday, May 28

8:30 am	Welcome: Agenda Review & Goals Hua	Huang/Ackerman	
9:00-9:20 am	Opening Remarks: Perspective	McCoy	
9:20-9:50 am	NASA GIFTS/IOMI Mission Status Overview	Smith	
9:50-10:20 am	NOAA GIFTS/IOMI Product assessment plan	Petersen	
10:20-10:30 am Break			
10:30-11:00 am	ONR/NRL IOMI Plans & Needs	ONR/NRL	
11:00-11:30 am	UW GIFTS/IOMI Activities Overview	Ackerman	
11:30-12:00 pm	MURI Management & Progress Report	Mecikalski	
Working Lunch in Alumni Lounge, Pyle Center			
1:20-1:40 pm	Clear Radiative Transfer & Forward Models	Tobin/Moy	
1:40-2:20 pm	GIFTS Simulated Data Production Pos	selt/Olson/Davies	
2:20-2:40 pm	Atmospheric Profiles & Retrievals	Li/Sun	
2:40-3:00 pm	Information Content Analysis	A. Huang	
3:00-3:20 pm Break			
3:20-3:30 pm	Subcontractor Reports: Overview	A. Huang	
3:30-3:50 pm	Surface Characterization	Lucey	
3:50-4:10 pm	Cloud & Cloud Property Modeling	Yang	
4:10-4:30 pm	Aerosol & Dust Modeling	Sokolik	
4:30-4:50 pm	High Temporal Cloud Detection Jedl	ovec/Sundar	
4:50-5:30 pm	General Discussion	All	

## 6:30 pm Workshop Dinner at University Club

### Thursday, May 29

8:30-8:50 am	GIFTS/GOES Boundary/Turbulence Applications	Mecikalski
8:50-9:10 am	Infrared-Derived Atmospheric Property Validation	Feltz
9:10-9:30 am	Spectral Signature of dust, smoke and aerosol	Ackerman
9:30-9:50 am	GOES-R Sounder: Hyper-spectral Environmental Suite	Schmit

#### 9:50-10:10 am Break

**10:10-12:00 pm** Topical Discussion/Recommendations All

- Current progress and status on hyperspectral sensing research and application?
- How would Navy and NOAA use & assimilate hyperspectral data and products?
- What are the high priority operational products that Navy and NOAA want?
- For hyperspectral data, what science needs to be accomplished to improve weather forecast?
- Other topics recommended by attendees

**12:00-1:30 pm Lunch** - Concluding Remarks Huang/McCoy

**1:30 pm** Adjourn

1:30-3:30 pm MURI Co-I Internal Coordination Meeting All Co-I

#### **Workshop Location**

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#### For more information contact:

Ms. Maria Vasys (CIMSS Secretary): 608-263-7435

Dr. John Mecikalski (MURI Project Manager): 608-262-1023

Dr. Allen Huang (MURI P.I.): 608-263-5283