

AGENDA

5th Workshop on Hyperspectral Science of UW-Madison MURI, Airborne, LEO, and GEO Activities

THE PYLE CENTER
UNIVERSITY OF WISCONSIN-MADISON
702 LANGDON STREET, MADISON (608-262-1122)

7-9 JUNE 2005

DAY 1

Tuesday, June 07

8:30 am	Welcome: Agenda Review & Goals	Huang/Ackerman/Feltz
	Opening Remarks: Workshop Perspective	McCoy/Huang
9:00-9:20 am	MURI Management & Progress Report	Feltz
9:20-9:50 am	Hyperspectral Clear Sky Forward Model	Moy/Tobin
9:50-10:20 am	Hyperspectral IR Cloudy Fast Forward Model	Wang
10:20 - 10:40	Break	
10:40-11:10 am	Cloud and aerosol properties and their spectral signatures	Yang
11:10-11:40 am	Hyperspectral Cloud-Clearing	A. Huang
11:40-12:10 pm	Hyperspectral Clear/Cloudy Sounding Retrievals	Wu/Li
12:10-1:30 pm	Lunch – Lee Lounge (across from front desk on 1st floor)	
1:30-2:00 pm	Hyperspectral/multispectral ice cloud scattering models	Baum
2:00-2:30 pm	Hyperspectral Cloud Property Retrieval	Li
2:30-3:00 pm	Ground/Airborne Multi-spectral Cloud Properties	DeSlover
3:00-3:20 pm	Break	
3:20-3:50 pm	Hyperspectral Surface Property Modeling	Knuteson
3:50-4:20 pm	Hyperspectral/Multispectral Training Data Development	Seemann
5:30 pm	Workshop Reception	
	Poster Display	
	Alumni Lounge, Pyle Center	

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DAY 2

Wednesday, June 08

8:30 am	Agenda Review & Logistic Announcement	Feltz
8:40-9:10 am	Community Radiative Transfer Model	Van Delst
9:10-9:40 am	Unified Radiative Transfer Model: Microwave to Infrared	Greenwald
9:40-10:10 am	Hyperspectral Measurements and Products Validation	Tobin
10:10-10:30 am	Break	
10:30-11:00 am	DURIP Hardware Development for MURI	Garcia/Olson
11:00-11:30 am	Generation of Simulated Atmospheric Datasets for Ingest Into Radiative Transfer Models	Otkin
11:30-12:00 pm	Hyperspectral/Multispectral Data Compression	B. Huang/Ahuja
12:00-1:30 pm	Lunch – Lee Lounge (across from front desk on 1st floor)	
1:30-2:00 pm	Multi-sensor Convection Analysis	K. Bedka
2:00-2:30 pm	Hyperspectral Cloud Top Retrievals	R. Holz
2:30-3:00 pm	MODIS, AIRS, and midlevel cloud retrievals	Nasiri
3:00-3:20 pm	Break	
3:20-3:50 pm	LEO/GEO Applications for Aviation	Feltz
3:50-4:20 pm	LEO/GEO Volcanic ash aerosols Detection	Pavolonis
4:20-4:50 pm	GEO Turbulence Detection	Wimmers
4:50-5:20 pm	Hyperspectral Wind Retrievals	Santek/Velden
6:30 pm	Workshop Dinner Kennedy Manor Dining Room 1 Langdon St (608) 256-5556	

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DAY 3

Thursday, June 09

8:45 am	Agenda Review & Logistic Announcement	Feltz
9:00–9:30 am	UW Hyperspectral Activities Overview	Revercomb
9:30–10:00 am	Airborne, LEO & GEO Hyperspectral Activities	Smith
10:00–10:20 am	Break	
10:20–10:50 am	GOES-R Hyperspectral Sensor/Science Requirements	Schmit
10:50–11:20 am	NOAA GOES-R Hyperspectral Risk Reduction Plan	Menzel
11:20–11:50 am	Hyperspectral Ground System Simulation Development	Knuteson
11:50-1:30 pm	Lunch – Lee Lounge (across from front desk on 1st floor)	
1:30-2:00pm	Hyperspectral Data Assimilation Status & Progress	LeMarshall/Jung
2:00-2:30 pm	Navy’s MURI Impact on UW Hyperspectral Activities	Huang
2:30 pm	Workshop Concluding Remarks	McCoy

Adjourn/Refreshment

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