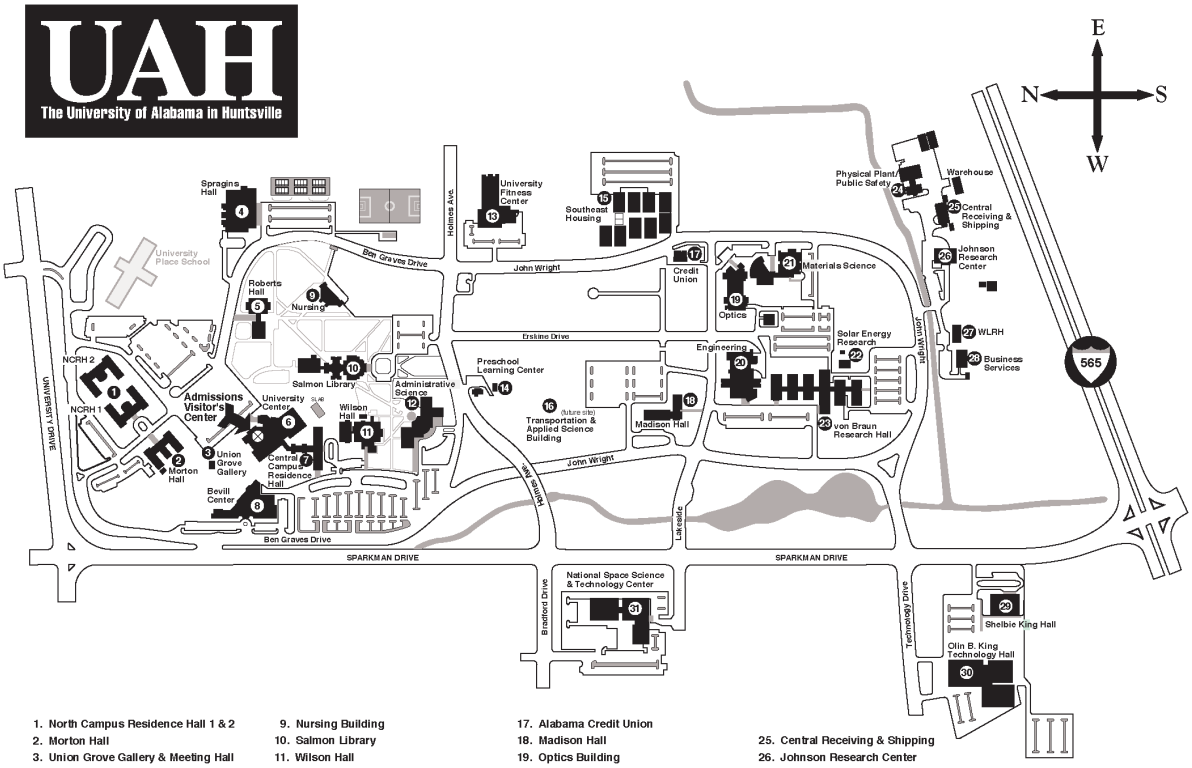
AGENDA

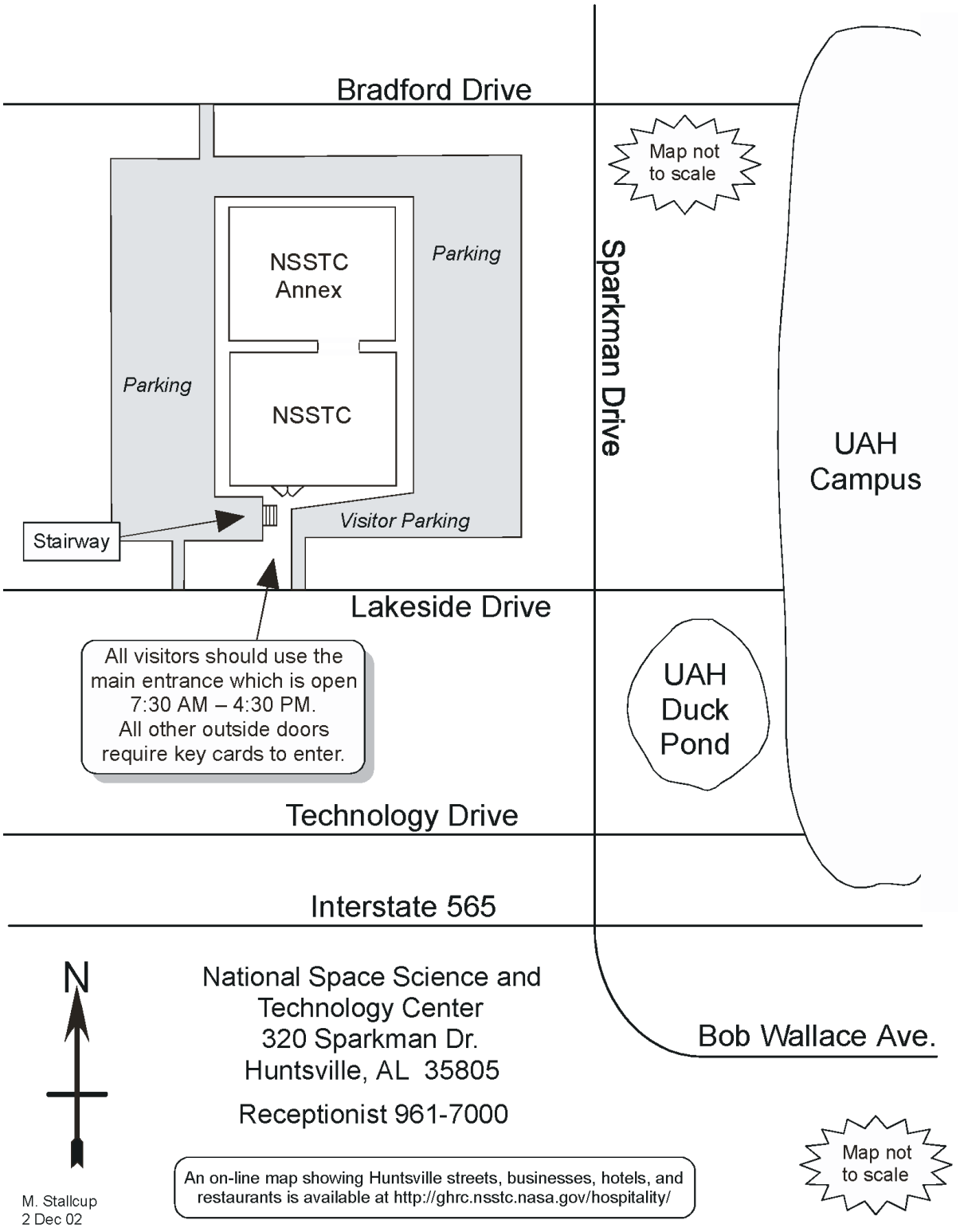
GOES-R GLM AWG/R3 Science Meeting
September 29-30, 2009
National Space Science & Technology Center
320 Sparkman Drive, Huntsville, AL 35805

Logistics

Huntsville Area:



1. North Campus Residence Hall 1 & 2
2. Morton Hall
3. Union Grove Gallery & Meeting Hall
4. Spragins Hall
5. Roberts Hall
6. University Center/Admissions
7. Central Campus Residence Hall
8. Bevill Center
9. Nursing Building
10. Salmon Library
11. Wilson Hall
12. Administrative Science Building
13. University Fitness Center
14. Preschool Learning Center
15. Southeast Campus Housing
16. Transportation & Applied Science
17. Alabama Credit Union
18. Madison Hall
19. Optics Building
20. Engineering Building
21. Materials Science Building
22. Solar Energy Research
23. Wernher von Braun Research Hall
24. Physical Plant/Public Safety
25. Central Receiving & Shipping
26. Johnson Research Center
27. WLRH Radio Station
28. Business Services Building
29. Shelbie King Hall
30. Olin B. King Technology Hall
31. National Space Science & Technology Center


Bradford Drive
Map not to scale
NSSTC Annex
Parking
Sparkman Drive
Parking
NSSTC
UAH Campus
Visitor Parking
Stairway
Lakeside Drive
All visitors should use the main entrance which is open 7:30 AM – 4:30 PM. All other outside doors require key cards to enter.
UAH Duck Pond
Technology Drive
Interstate 565
N
National Space Science and Technology Center
320 Sparkman Dr.
Huntsville, AL 35805
Receptionist 961-7000
Bob Wallace Ave.
An on-line map showing Huntsville streets, businesses, hotels, and restaurants is available at http://ghrc.nsstc.nasa.gov/hospitality/
Map not to scale
M. Stallcup
2 Dec 02

Check-in & Presentation Processing

1. Enter through the South entrance of the NSSTC and stop at the Check-in desk where Mrs. Rene Holden will complete your Check-in. Check-in is only allowed on Tuesday, September 29 from 8-8:45AM at the Check-in desk. Check-in shall close promptly at 8:45AM on this day. No early or late Check-in is allowed. The only exception is if you are only attending the meeting on September 30 (in which case see Rene Holden when you arrive).

2. The purpose of Check-in is to:

- **pay your Total Meal Fee = $20 [which is applied by us to offset the 2-day meeting expenditures related to light breakfast (i.e., coffee, juice, pastries, fruit), coffee break snacks/drinks, and catered lunch].**
- **obtain your name/organization badge, and**
- **confirm our attendee head count.**

3. Following Check-in, proceed to the elevators and go to the 4th floor, conference room 4078.

4. If you are giving a presentation and have not already submitted it to Monte Bateman (monte.bateman@nasa.gov), then give your thumb-drive to Monte Bateman in room 4078 so that he can add your presentation to our presentation computer. Delaying this action will slow up our proceedings, so please make an effort to get your presentation to us on time.

5. All presentations are to be Microsoft Word Powerpoint.

6. To finalize the Agenda, the title of your presentation must be emailed to William Koshak (william.koshak@nasa.gov), by 5 PM Central time on Friday, September 25. Most presentations are 20 minutes.

7. For those coming in from out-of-town, follow instructions from our IT specialist, Chad Bennefield in room 4078, to get your wireless hook-up. Please complete by 9:15 AM.

GLM AWG/R3 Science Meeting: Tuesday September 29, 2009; Conference Room 4078.

Time	Description	Speaker or Lead
8:00	On-site Check-in & Wireless hook-up [Remember to copy your presentation to our computer in room 4078 if you haven't already submitted !!]	Rene Holden, Monte Bateman, and Chad Bennefield
9:00	**COFFEE, JUICE, PASTRIES**	**all**
9:15	Greetings & Logistics	William Koshak/Rene Holden
9:20	Opening Remarks & Status	Steve Goodman
9:45	A Few Issues Concerning Potential Nowcasting Applications of GLM Data Based on OKLMA Data	Don MacGorman
	R3 Reports	
10:05	Update on Lightning Jump Algorithm	Walt Petersen/ Larry Carey/ Chris Schultz
10:25	Update on Lightning Forecast Algorithm	Bill McCaul
10:45	**COFFEE BREAK**	**all**
11:00	Update on Lightning Warning Algorithm	Dennis Buechler
	New R3 Initiatives	
11:20	Lightning/Aviation	Larry Carey/ Wayne Feltz
11:40	Lightning/Precipitation Algorithm Plans	Bob Kuligowski/ Walt Petersen
12:00	**EAT-IN LUNCH**	**all**
GROUP DISCUSSIONS (ROOM 4078) *For those who do not wish to participate in a group discussion, rooms 1010, 4025, and 3084 are available for impromptu splinter meetings*		
1:00	**Group Discussion #1:** New initiative for continuing current & fire applications	Petersen/all
1:45	**Group Discussion #2:** New initiative for oceanic aviation product	Carey/Feltz/all
2:30	**COFFEE BREAK**	**all**
2:45	**Group Discussion #3:** GOES-R Proving Ground Spring Program (e.g., discuss work plan & flowchart for next spring's activities)	Bruning/all
3:45	**Group Discussion #4:** Validation (discuss ST09 actions, plans, future needs, field campaign funding, portable LMA assets, DC3 campaign status/plans, Deep Convective Cloud effort)	Goodman/Blakeslee/all
5:00	*Adjourn day 1*	--

GLM AWG/R3 Science Meeting: Wednesday September 30, 2009; Conference Room 4078.

Time	Description	Speaker or Lead
8:45	Copy your presentation to our computer in room 4078 if you haven't already submitted !!	all
9:00	**COFFEE, JUICE, PASTRIES**	**all**
9:15	Greetings & Logistics	Rene Holden/ William Koshak
9:20	***R3 Report:*** Update on Flash Type Discrimination Algorithm	William Koshak
9:40	***AWG Report:*** Update on GLM Cluster Filter Algorithm Testing	Doug Mach/ Monte Bateman
	New R3 Initiatives	
10:00	Impact of Lightning NOx sources on Assimilation of SEVIRI Total Column Ozone	Brad Pierce
10:20	GOES-R3 New Initiative-Storm Severity	Wayne MacKenzie
10:40	**COFFEE BREAK**	**all**
10:55	GOES Lightning Initiation Research	John Mecikalski
11:15	An Algorithm to Identify and Track Objects on Spatial Grids	Valliappa Lakshmanan
11:35	New Proxy Data Sets: A "Day in the Life" of GOES-R: GLM Perspectives	Walt Petersen
12:00	**EAT-IN LUNCH**	**all**
	GROUP DISCUSSIONS (ROOM 4078) *For those who do not wish to participate in a group discussion, rooms 1010, 4025, and 4068 are available for impromptu splinter meetings*	
1:00	**Group Discussion #5:** Proxy datasets (discuss status, high rate tests, meso-scale tests, future needs). Should address both L1-b proxies and L2 proxies, and flash algorithm intercomparisons.	Bateman/Bruning/Carey/all
2:00	**COFFEE BREAK (room 4078)**	**all**
2:15	**Group Discussion #6:** Proving Ground Activities Beyond This Spring (including ST09 actions, plans, future needs)	Bruning/MacGorman/ Stano/Jedlovec
3:15	**Group Discussion #7:** Training Module on Total Lightning and GLM	Motta/all
4:15	**Group Discussion #8:** Lightning NOx chemistry (discuss synergies between GLM data products and ABI-inferred chemistry products; discuss potential new initiatives)	Pierce/Koshak/all
5:00	*Meeting is Adjourned*	--