

# An Overview of The Interagency Coordinating Committee for Airborne Geosciences Research and Applications

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**Pacific Northwest**  
NATIONAL LABORATORY

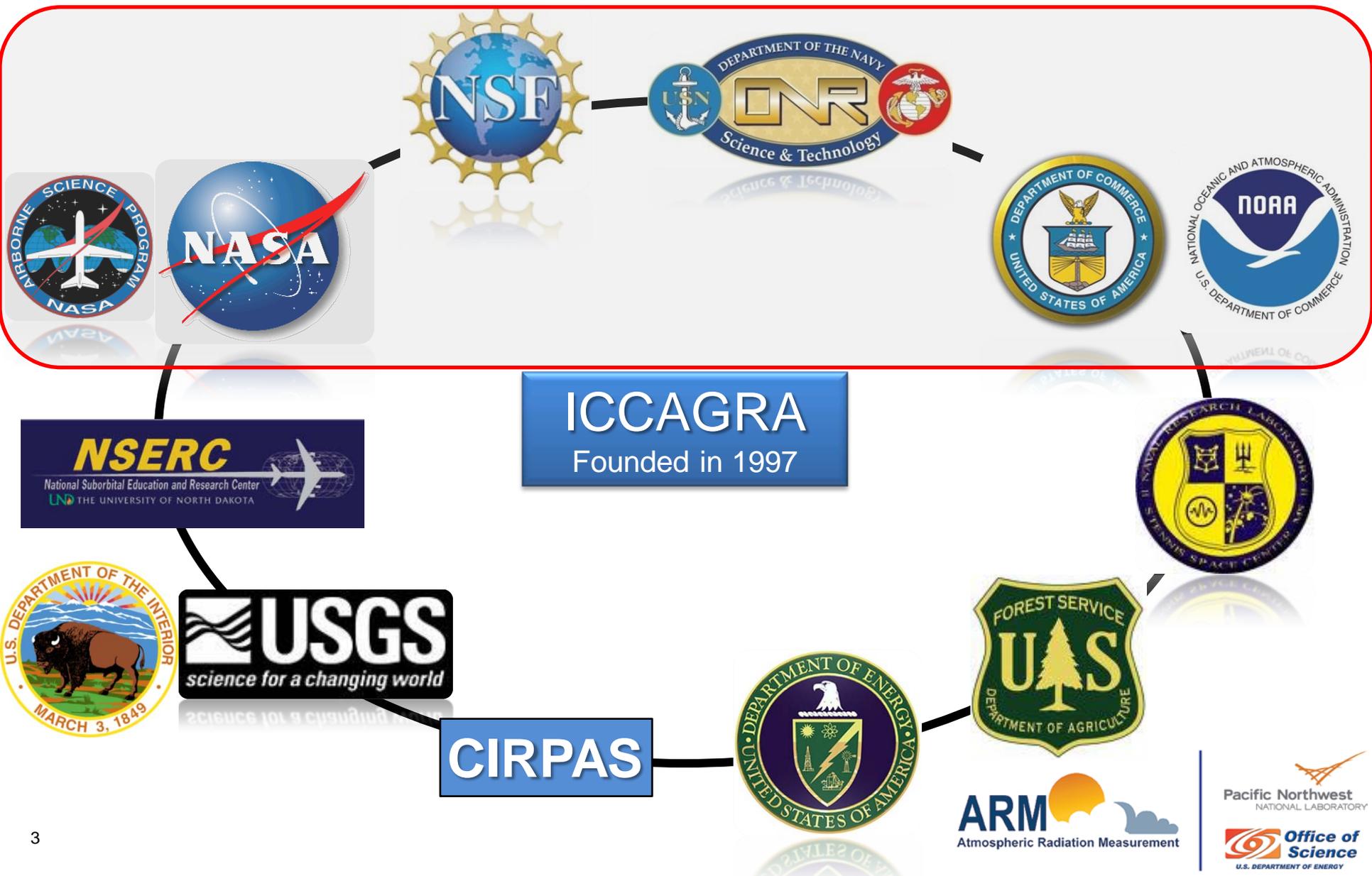
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# ICCAGRA

- ▶ Airborne field experiments have evolved into large, complex, multi-agency and international programs involving satellite, aircraft, ground based measurements, and sounding balloons. No one agency or country can provide all the necessary facilities and attendant support. ICCAGRA was formed to address the complexity of these field campaigns but it is obvious that more needs to be done

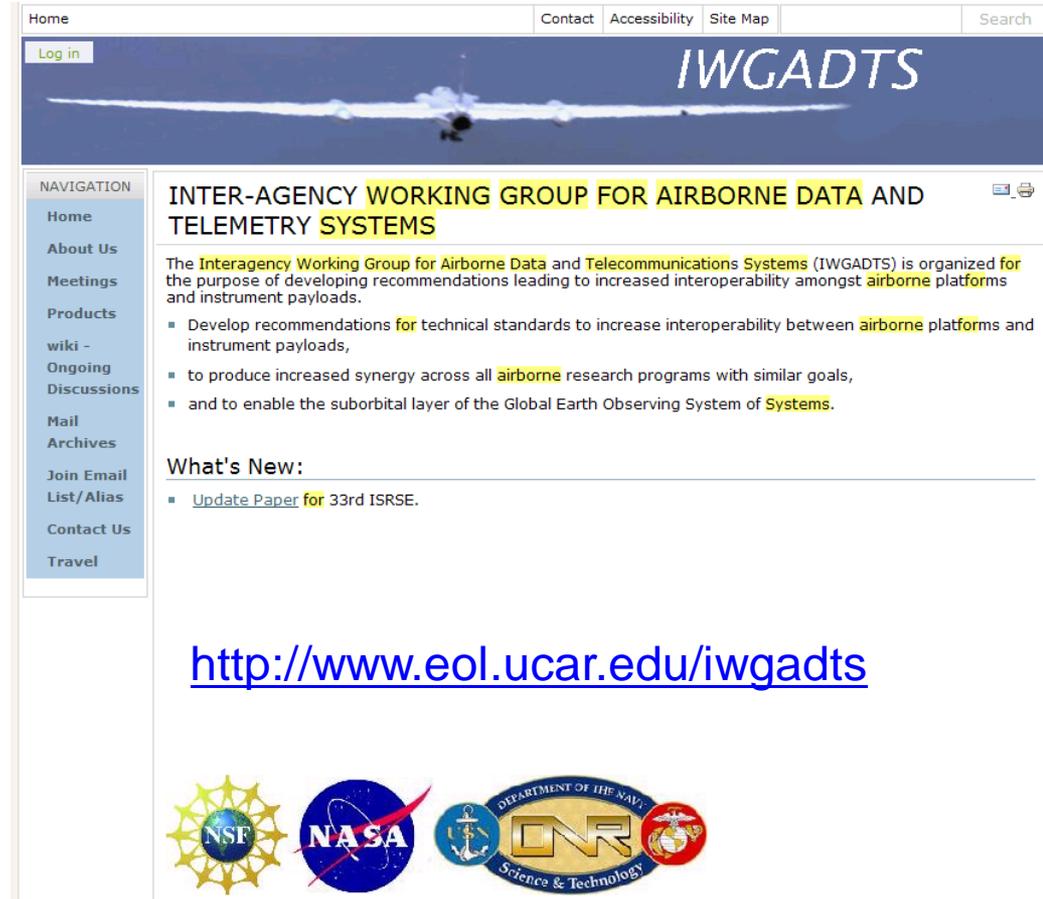


# Members



# ICCAGRA Working Groups

- ▶ IWGADTS Working Group
  - Commonality in data streams
  - Commonality in DAQ systems
  - Instrument integration
- ▶ Chris Webster is the chairman



The screenshot shows the homepage of the Inter-Agency Working Group for Airborne Data and Telemetry Systems (IWGADTS). The page features a navigation menu on the left with links for Home, About Us, Meetings, Products, wiki - Ongoing Discussions, Mail Archives, Join Email List/Alias, Contact Us, and Travel. The main content area includes the title "INTER-AGENCY WORKING GROUP FOR AIRBORNE DATA AND TELEMETRY SYSTEMS" and a description of the group's purpose: "The Interagency Working Group for Airborne Data and Telecommunications Systems (IWGADTS) is organized for the purpose of developing recommendations leading to increased interoperability amongst airborne platforms and instrument payloads." Below this, there are three bullet points: "Develop recommendations for technical standards to increase interoperability between airborne platforms and instrument payloads," "to produce increased synergy across all airborne research programs with similar goals," and "and to enable the suborbital layer of the Global Earth Observing System of Systems." A "What's New:" section contains one item: "Update Paper for 33rd ISRSE." At the bottom of the page, there is a URL: <http://www.eol.ucar.edu/iwgadts> and a row of logos for NSF, NASA, and the Department of the Navy's ONR Science & Technology.

# ICCAGRA Working Groups

- ▶ **UASWG**
  - Brand New working group
  - Coordinating UAS activities among the agencies
- ▶ Matt Fladeland is the chairman and Brenda Mulac is the secretary



# Recent Cooperative Efforts

## ► International Polar Year 2007-2008

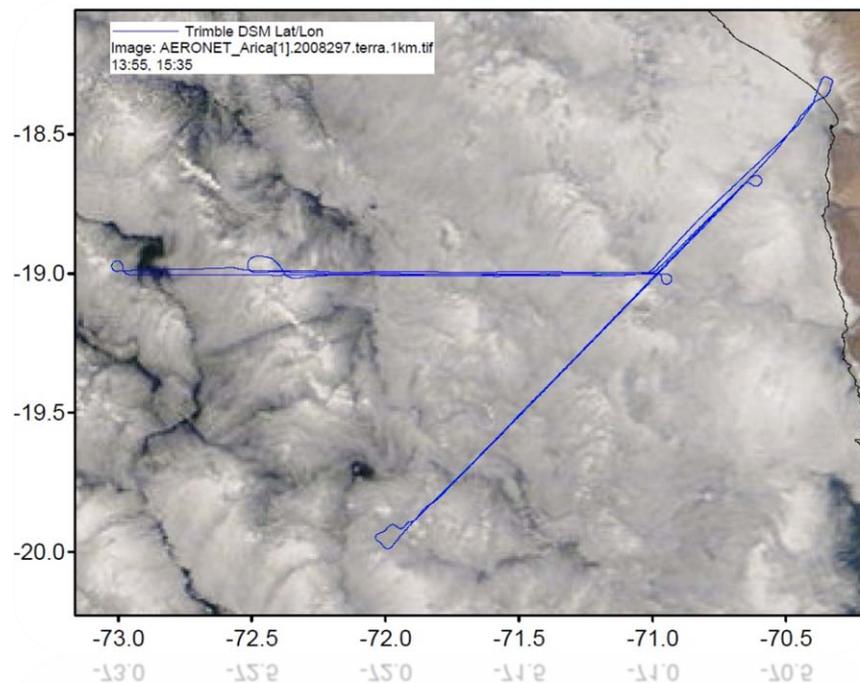
- Cooperative effort to study the Arctic with a focus on the North Slope of Alaska
  - ARCTAS – NASA
  - ARCPAC – NOAA
  - ISDAC – DOE/NRC/EC



# Recent Cooperative Efforts

## ► The Variability of the American Monsoon Systems (VAMOS) Ocean Cloud Atmosphere Land Study (VOCALS) 2008

- October 14<sup>th</sup> – November 13<sup>th</sup>, 2008
  - Arica, Chile
- Collaboration with
  - NSF C-130
  - Met Office BAE-146
  - Met Office Dornier
  - CIRPAS Twin Otter
  - DOE G-1



# More Information

## ICCAGRA Wiki

The screenshot shows the ARM Wiki ICCAGRA Web Home page. At the top left is the ARM logo. The main heading is "Interagency Coordinating Committee for Airborne Geoscience Research and Applications (ICCAGRA)". Below this is a "Topic Map" section with a tree view of the site's structure, including "Committee Objective", "Subcommittees", "Next Meeting", and "New Items". A "Useful Links" table is located at the bottom of the page.

Member Agency	Web Site	WIKI
DOE ARW Aerial Facility	<a href="#">Link</a>	<a href="#">WIKI Topic</a>
DOE Research Aircraft Facility	<a href="#">Link</a>	<a href="#">WIKI Topic</a>
European Fleet for Airborne Research (EUFAR)	<a href="#">Link</a>	<a href="#">WIKI Topic</a>

## NSF ICCAGRA Website

The screenshot shows the NSF ICCAGRA Website. At the top is the National Science Foundation logo and the text "DIRECTORATE FOR GEOSCIENCES (GEO)". Below this is a navigation bar with links for "GEO Home", "GEO Funding", "GEO Awards", "GEO Discoveries", "GEO News", and "About GEO". The main heading is "Interagency Coordinating Committee for Airborne Geoscience Research and Applications (ICCAGRA)". Below this is a "Charter" section and a table of "AIRBORNE GEOSCIENCE PROGRAM WEBSITES".

AIRBORNE GEOSCIENCE PROGRAM WEBSITES	
<a href="#">NASA Headquarters Earth Science Enterprise</a>	Department of Energy Citation Airborne Laboratory
<a href="#">NASA Dryden Flight Research Center</a>	Naval Research Lab... Military Flight Support
<a href="#">NASA Wallops Flight Facility P-3B Airborne Laboratory</a>	NOAA Aircraft Operations Center
<a href="#">NSF South Dakota School of Mines and Technology T-28 Program</a>	Office of Naval Research... CIRFAA Project Office
<a href="#">NSF University of Wyoming Bios. Air Program</a>	NSF NCAR/ATD Programs

<http://www.nsf.gov/geo/atm/ulafos/laof/iccagra.jsp>

# ICCAGRA Aircraft Database

ARM Wiki » ICCAGRA » Aircraft Database

27 Feb 2008 - 23:40 GMT - Jason Tomlinson

[Comments](#)

**NOTE**  
The Link to the NSF Facilities Assessment Database (FADB) will not work unless you are first logged in. [Login](#).  
If you do not have an account you can easily [create one](#).

**TIP:** You can sort the table by a specific column by clicking on the header. Click once for descending, click again for ascending.

Image	Aircraft	Agency	Contact	Email	Phone	FADB Link	Web Link
	De Havilland Twin Otter DHC-6-200	CIRPAS	Hafid H. Jonsson	<a href="mailto:hjonsson@rps.edu">hjonsson@rps.edu</a>	(811) 384-2778 x11	<a href="#">FADB</a>	<a href="#">Web</a>
	Cessna 208 Cessna Airbone Platform	DOE - AAF	Beat Schmid	<a href="mailto:beat.schmid@pnl.gov">beat.schmid@pnl.gov</a>	(509) 375-2996	<a href="#">FADB</a>	
	Gulfstream-155	DOE - AAF	John Hubbe	<a href="mailto:john.hubbe@pnl.gov">john.hubbe@pnl.gov</a>	(509) 372-6134	<a href="#">FADB</a>	<a href="#">Web</a>
	Helicopter Observation Platform (HOP) Bell Jet Ranger 206B3	Duke University	Prof. Roni Avissar	<a href="mailto:avissar@duke.edu">avissar@duke.edu</a>	(919) 680-5468	<a href="#">FADB</a>	<a href="#">Web</a>
	DC-8	NASA/NSERC	Rick Shetter	<a href="mailto:r.shetter@ucar.edu">r.shetter@ucar.edu</a>	(701) 330-2126	<a href="#">FADB</a>	<a href="#">Web</a>
	De Havilland Twin Otter DHC-6-200	NASA	Alan J. Micklewright	<a href="mailto:Alan.J.Micklewright@nasa.gov">Alan.J.Micklewright@nasa.gov</a>	(216) 433-2036		<a href="#">Web</a>
	ER-2 (2 aircraft)	NASA	Robert Navarro	<a href="mailto:robert.navarro@nasa.gov">robert.navarro@nasa.gov</a>	(801) 276-3328	<a href="#">FADB</a>	<a href="#">Web</a>
	Global Hawk Unmanned Aerial System (UAS)	NASA	Chris Nathel	<a href="mailto:chris.nathel@nasa.gov">chris.nathel@nasa.gov</a>	(801) 276-2148		<a href="#">Web</a>

ARM  
Atmospheric Radiation Measurement

Pacific Northwest  
NATIONAL LABORATORY

Office of  
Science  
U.S. DEPARTMENT OF ENERGY

# ICCAGRA Past Presentations

ARM

Hello Jason Tomlinson

ARM Wiki » ICCAGRA » Meeting Presentations And Minutes » O8 Fall

## October 21st Meeting

- [Minutes](#)
- [Presentations](#)
- [Comments](#)

### Minutes

[ICCAGRA Oct 2008 Minutes](#)

### Presentations

**Tuesday October 21, 2008**

- 0830 Welcome & meeting Objectives - Andrew Roberts
- 0845 Keynote: Opening speake - David Wright, DFRC Director of Operations
- 0915 New ICCAGRA Website - Jason Tomlinson
- 0925 International Coordination: EUFAR meeting - Roberts (attended in England)
- 0925 ISRSE 09 conference - Chuck Hutchinson
- 0940 FAA UAS office Update - Brenda Mulac
- 0955 IWGADTS Update - Larry Freudingner

**Break**

- 1020 CIRPAS/SCOAR/ONR - Ron Ferek
- DOE ARM Aerial Vehicle Program/ASP G-1 - Jason Tomlinson
- NRL - J.C. Coffey
- NSF/NCAR - Peter Milne

**Lunch**

- 1245 NOAA - Jim McFadden
- NOAA UAS - Philip Hall
- NASA - Andrew Roberts
- NASA JASSIWG - Mike Gaunce
- UND/NSERC - Rick Shetter
- USGS - Tom Cecere
- 1400 Presentation of new ICCAGRA Working Group and vote UASIWG (UAS ICCAGRA WG) - Matt Fladeland
- 1430 General ICCAGRA Discussion
- Elect new officers
- ICCAGRA Website

# ICCAGRA Member Database



Hello Jason Tomlinson

- [Wiki Home](#)
- [Wiki Configuration](#)
- [AAF](#)
- [Engineering](#)
- [ICCAGRA](#)

- [< New Topic >](#)
- [< Notifications >](#)
- [< Recent Changes >](#)

**Tools & Reference**  
[Change Password](#)  
[Users Guide](#)  
[Text Formatting](#)

ARM Wiki » ICCAGRA » Membership

## Membership List

[Comments](#)

*\*TIP\* You can sort the table by a specific column by clicking on the header. Click once for ascending...click again for descending.*

Last Name	First Name	Org	Email	Alternate Email	Phone Number	Web Link
Abbed	Jamal	NASA HQ	<a href="mailto:jamal.s.abbed@nasa.gov">jamal.s.abbed@nasa.gov</a>			
Albertson	Randy	NASA DFRC	<a href="mailto:randal.t.albertson@nasa.gov">randal.t.albertson@nasa.gov</a>		661-276-7540	
Albright	Gerry	UCAR	<a href="mailto:albright@ucar.edu">albright@ucar.edu</a>			
Bane	John	UNC	<a href="mailto:bane@unc.edu">bane@unc.edu</a>			
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Bouret	Gailynne	BAERI	<a href="mailto:gailynne.a.bouret@nasa.gov">gailynne.a.bouret@nasa.gov</a>			
Brosnan	Larry	USDA - FS	<a href="mailto:lbrotnan@fs.fed.us">lbrotnan@fs.fed.us</a>			
Buch	Eric	NRL	<a href="mailto:eric.buch@nrl.navy.mil">eric.buch@nrl.navy.mil</a>			
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Curry	Robert	NASA	<a href="mailto:robert.e.curry@nasa.gov">robert.e.curry@nasa.gov</a>		661-276-3715	
Eleuterio	Dan	NAVY	<a href="mailto:eleuterio@nrl.navy.mil">eleuterio@nrl.navy.mil</a>			
Ferek	Ron	ONR	<a href="mailto:ron.ferek@navy.mil">ron.ferek@navy.mil</a>		703-698-0518	
Fladeland	Matt	NASA ARC	<a href="mailto:matthew.m.fladeland@nasa.gov">matthew.m.fladeland@nasa.gov</a>		650-604-3325	
Freudinger	Larry	NASA-DFRC	<a href="mailto:lawrence.c.freudinger@nasa.gov">lawrence.c.freudinger@nasa.gov</a>		661-276-3542	
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Gaunce	Mike	NASA	<a href="mailto:michael.t.gaunce@nasa.gov">michael.t.gaunce@nasa.gov</a>		650-604-1266	
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Hood	Robbie	NOAA - UAS	<a href="mailto:Robbie.Hood@noaa.gov">Robbie.Hood@noaa.gov</a>		303-497-3008	<a href="#">Bio Link</a>
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Huning	James	NSF	<a href="mailto:jhuning@nsf.gov">jhuning@nsf.gov</a>		703-292-8521	
Hutchinson	Chuck	UA	<a href="mailto:chuck@ag.arizona.edu">chuck@ag.arizona.edu</a>		520-621-8568	
Jacobs	Cliff	NSF	<a href="mailto:cjaobs@nsf.gov">cjaobs@nsf.gov</a>			
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Milne	Peter	NSF	<a href="mailto:pmilne@nsf.gov">pmilne@nsf.gov</a>		703-292-4714	
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Schlatter	Richard	NASA - HQ	<a href="mailto:richard.schlatter-1@nasa.gov">richard.schlatter-1@nasa.gov</a>			
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Stinson	Jim	NSF	<a href="mailto:jim.stinson@nsf.gov">jim.stinson@nsf.gov</a>			
Stinson	Pete	DOE - BNL	<a href="mailto:pete.stinson@bnl.gov">pete.stinson@bnl.gov</a>		908-219-5990	



# ICCAGRA Sign up Sheet

- ▶ Please write down name, affiliation, email address.
  - Phone number is optional

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