

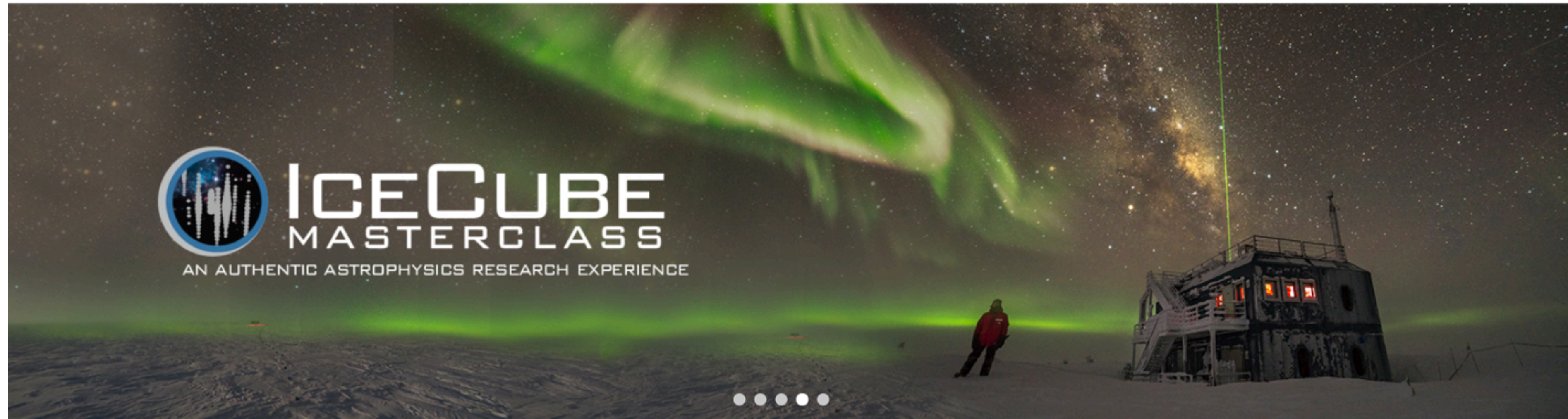
# Introduction to WIPAC

# Wisconsin IceCube Particle Astrophysics Center

<http://wipac.wisc.edu>



- ABOUT
- SCIENCE
- LEARN
- PEOPLE
- NEWS
- GALLERIES
- CAREERS



## Recent News



[Week 23 at the Pole](#)  
Jun 14, 2018

## Events

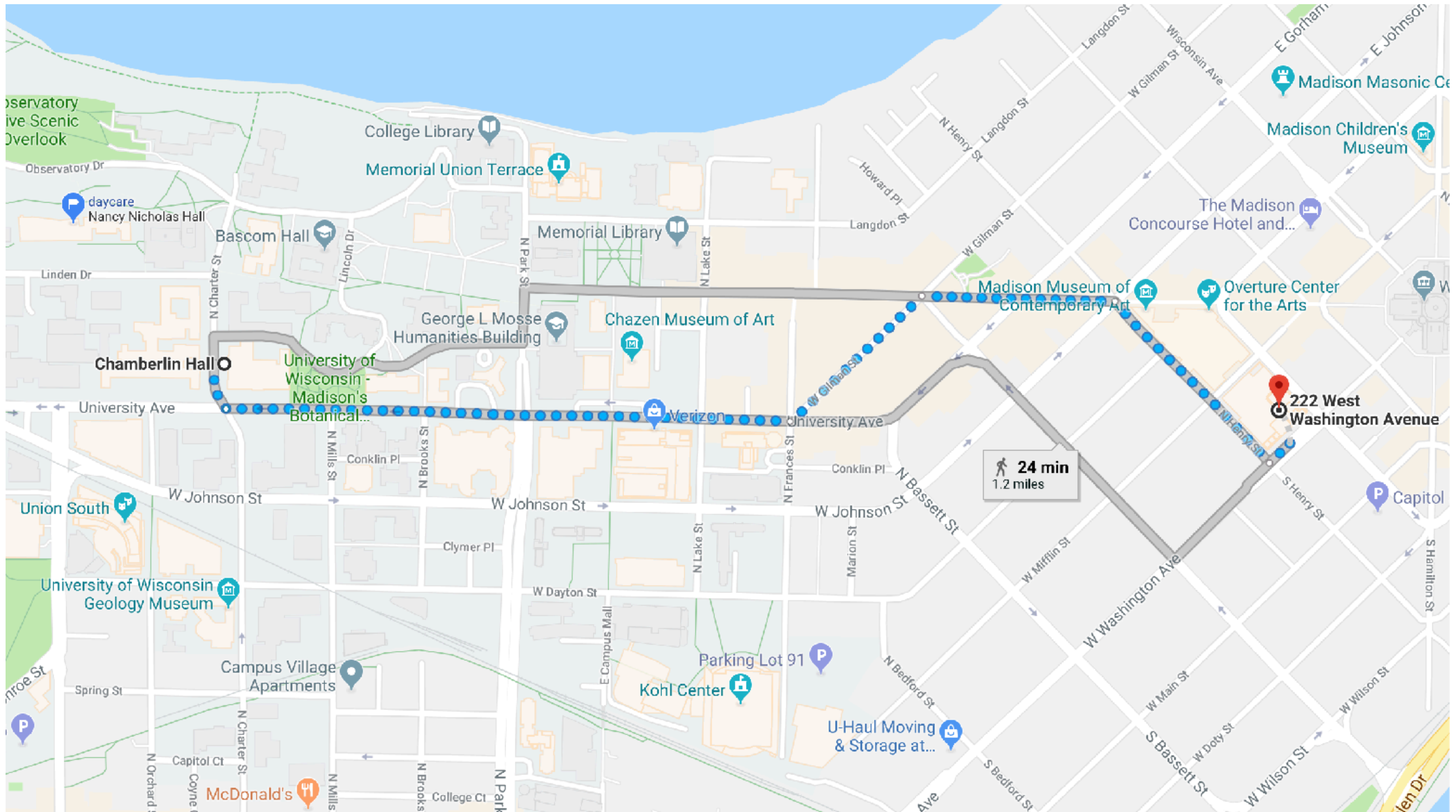
[IceCube bootcamp 2018](#)  
Jun 18, 2018 to Jun 22, 2018

[Grandparents University at WIPAC](#)  
Jul 26, 2018 to Jul 27, 2018

## Projects



# Where WIPAC locates



# Science Projects in WIPAC

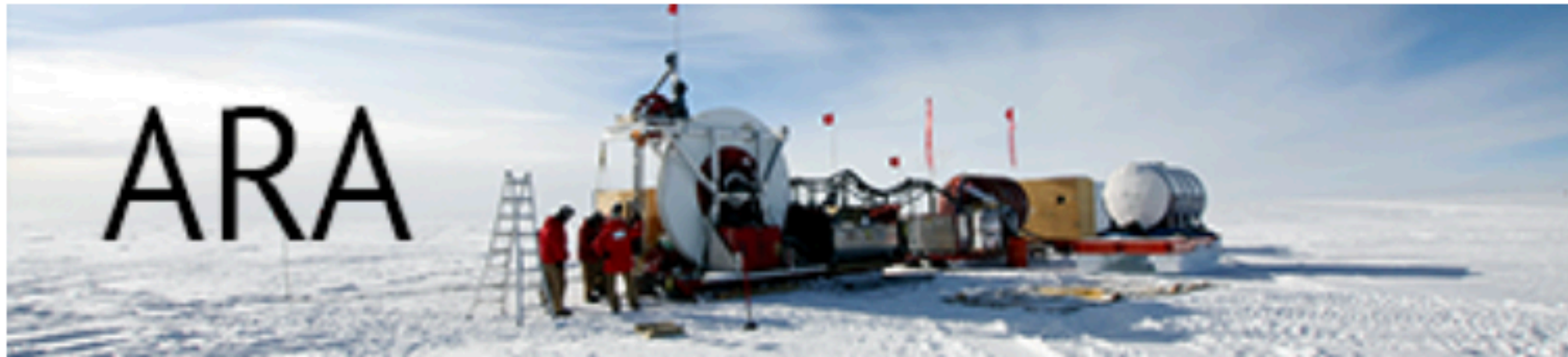
IceCube



HAWC



ARA



CTA



DM-Ice



# Science Projects in WIPAC

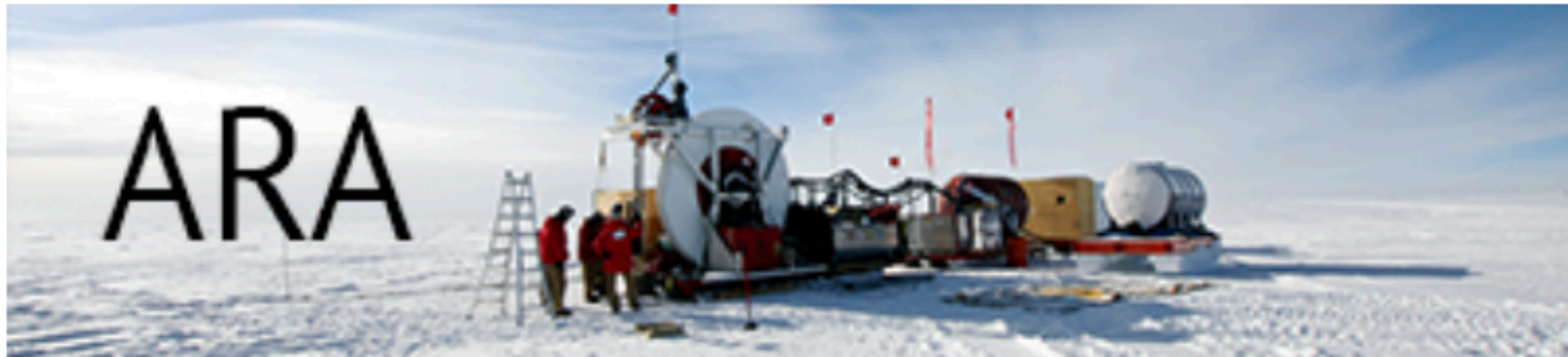
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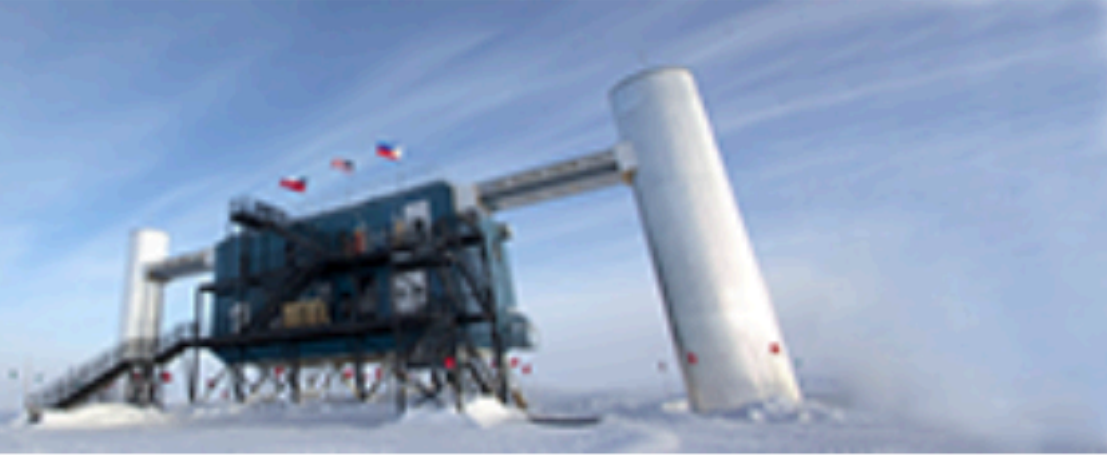


CHIPS



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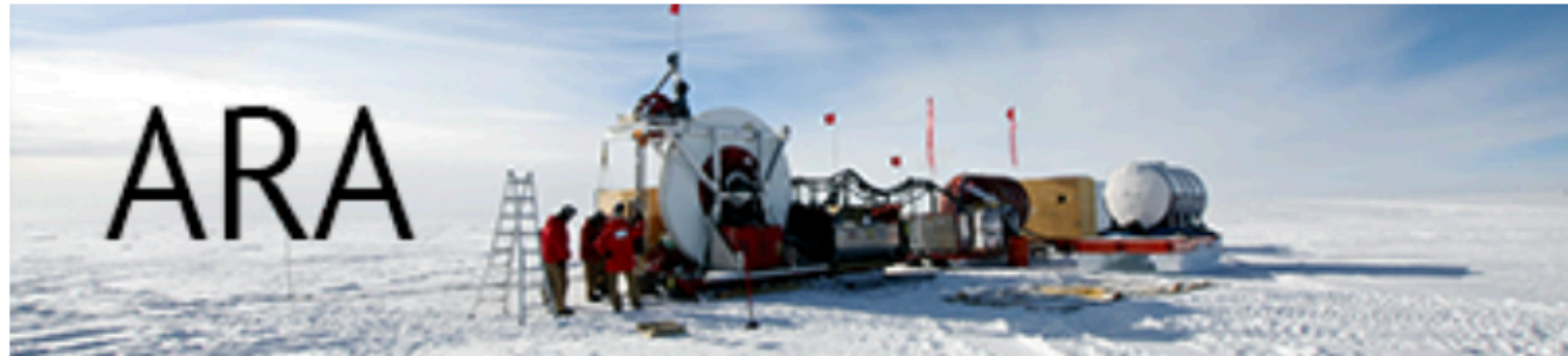
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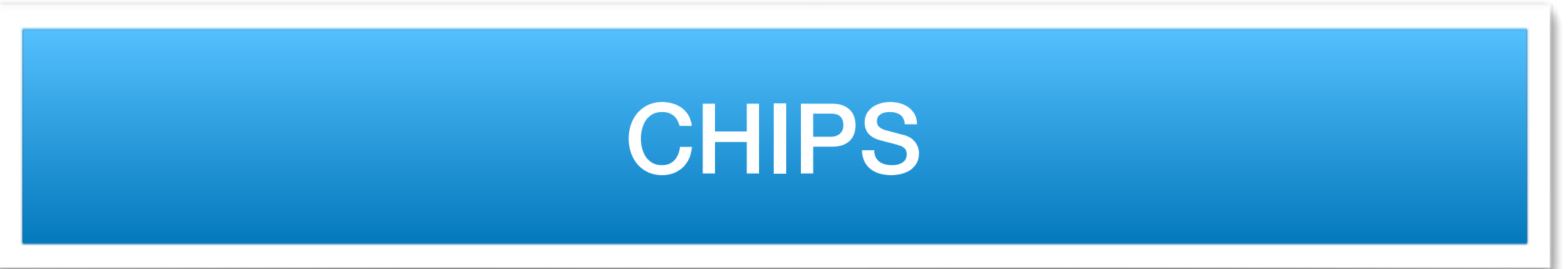
CTA



DM-Ice



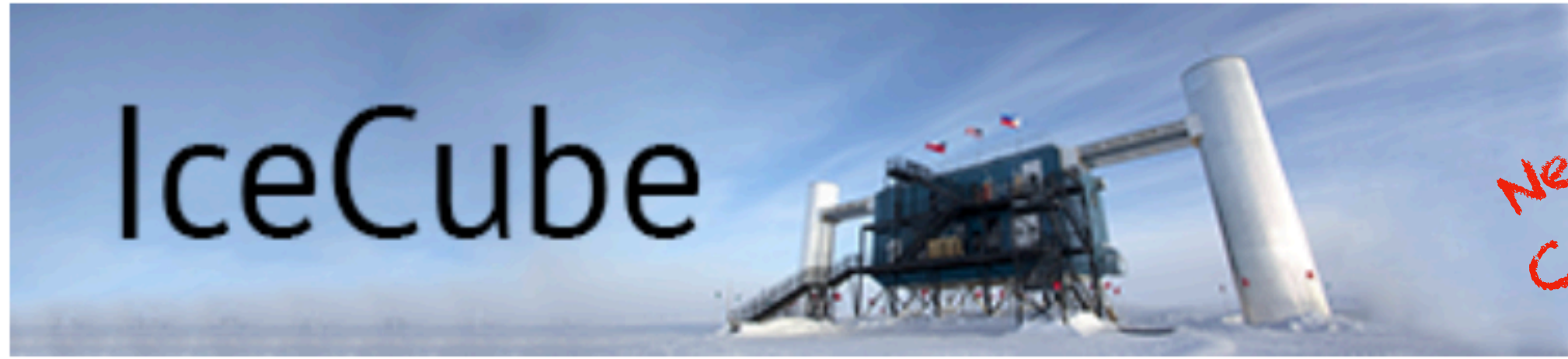
CHIPS



HELIX



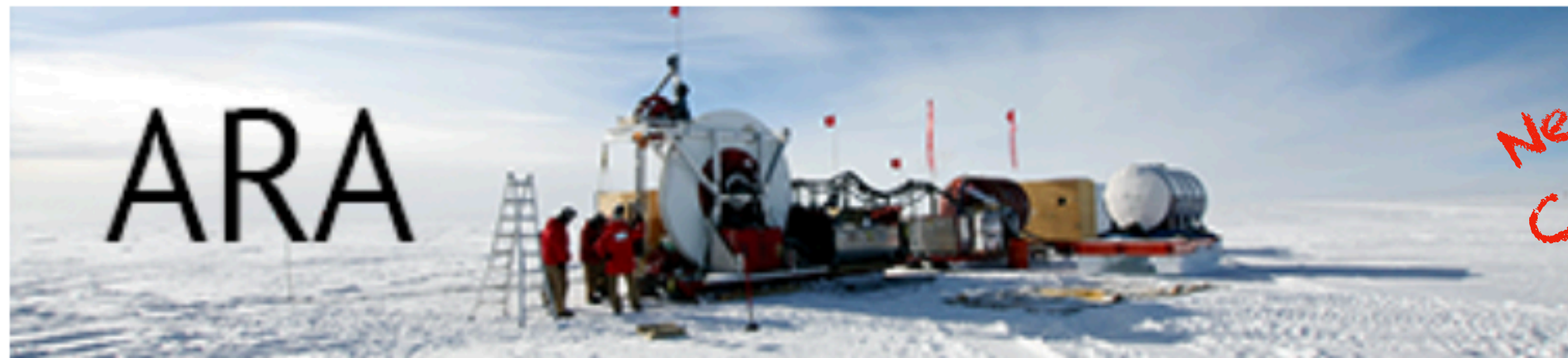
# Science Projects in WIPAC



Neutrino  
Cosmic Ray



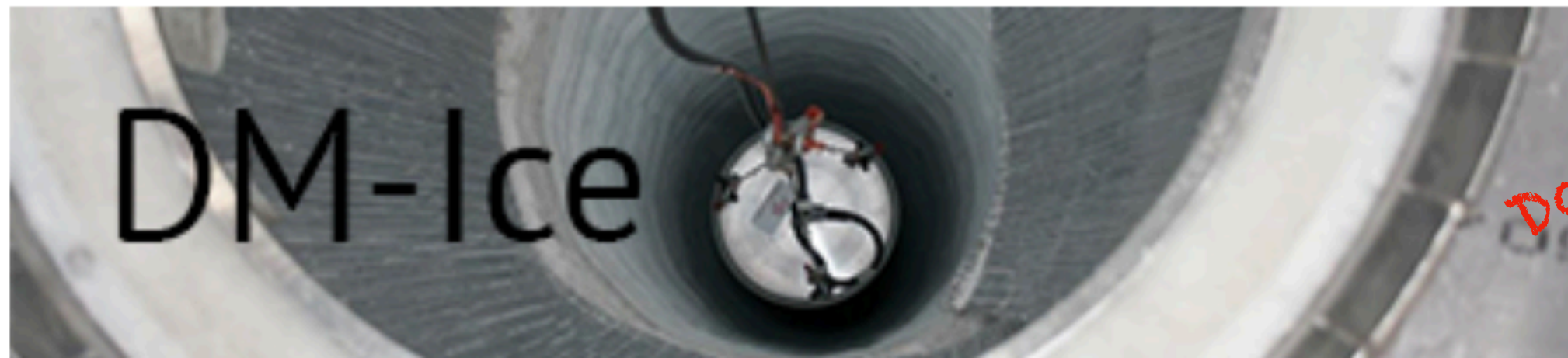
gamma-ray  
Cosmic Ray



Neutrino  
Cosmic Ray



gamma-ray  
Cosmic Ray



Dark matter



Neutrino

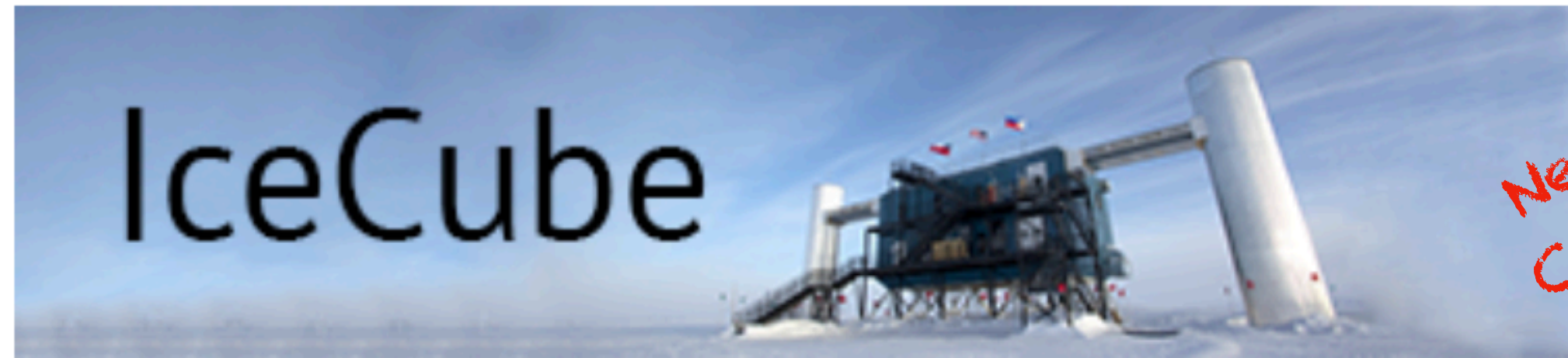


Outreach



cosmic-ray

# Science Projects in WIPAC



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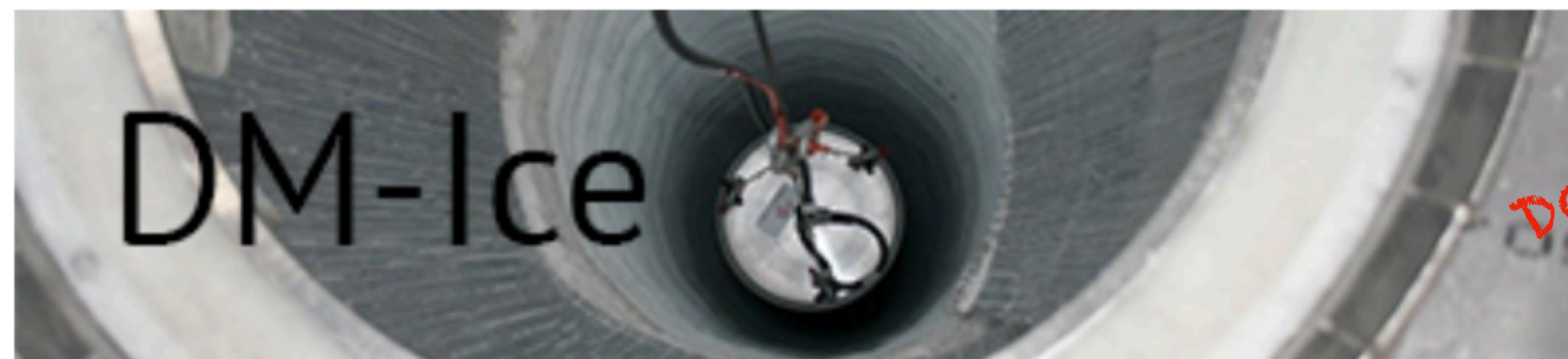
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Neutrino  
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gamma-ray  
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Dark matter



Neutrino



Outreach



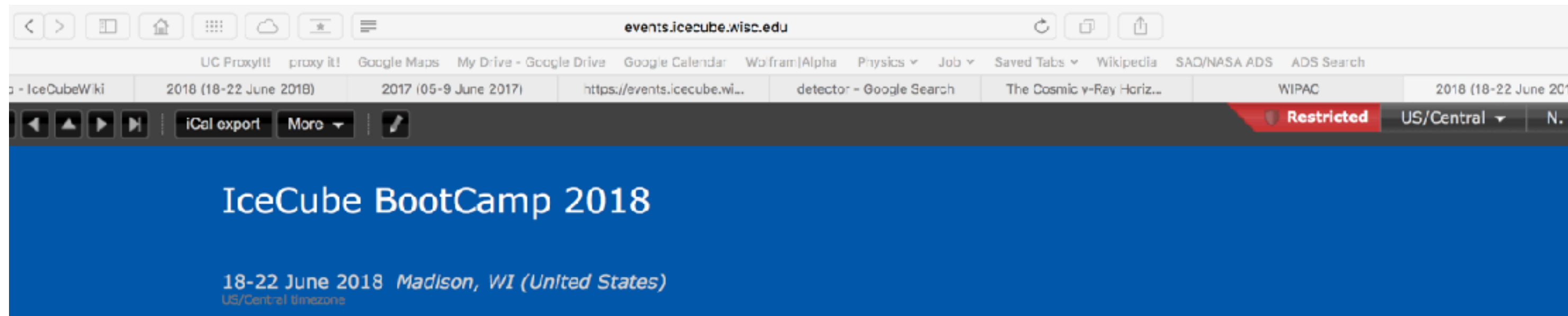
cosmic-ray

*Covers instruments of three major multi-messengers studying high energy astrophysics!!*



# BootCamp Information

<https://events.icecube.wisc.edu/conferenceDisplay.py?confId=99> (private for now)



- Overview
- Registration
  - Registration Form
- List of registrants
- Timetable
- Livestream
- Recordings
- Lunch Suggestions
- Accommodation

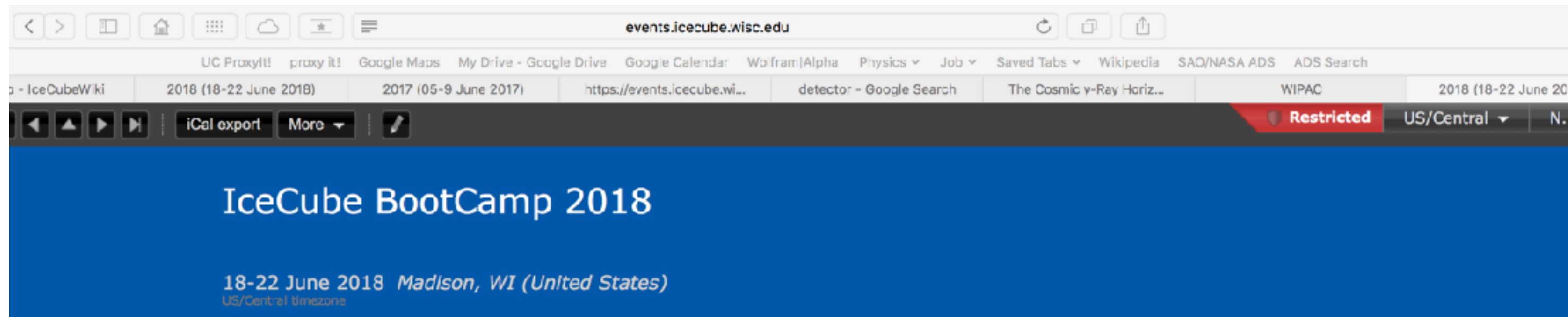


IceCube bootcamp on basic software and analysis techniques. Bootcamp runs from June 18-22, 2018. There is no pre-bootcamp this year. Instead, we will send out python lectures before the bootcamp.

**VirtualBox Installation:** Several of this year's presentations and exercises will make use of a VirtualBox machine containing the latest IceCube trunk software. The steps for installing it are:

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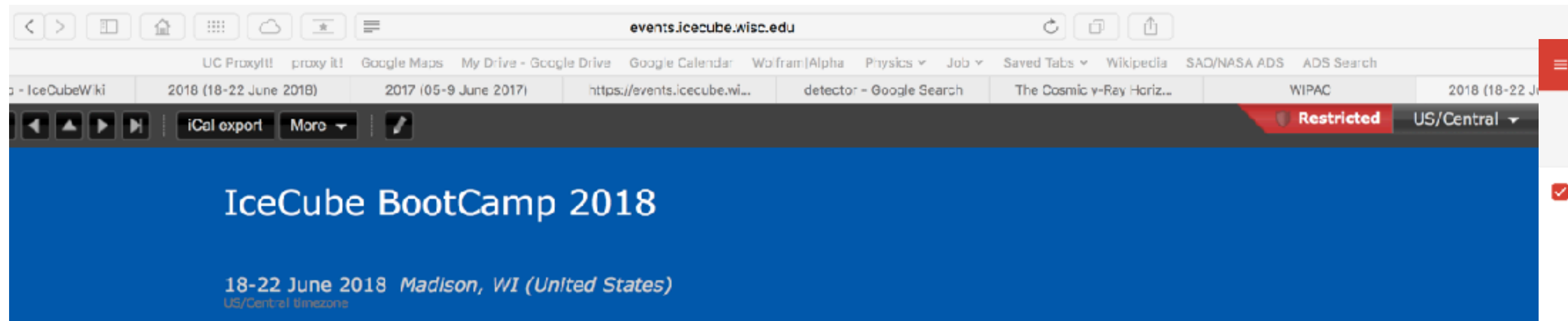


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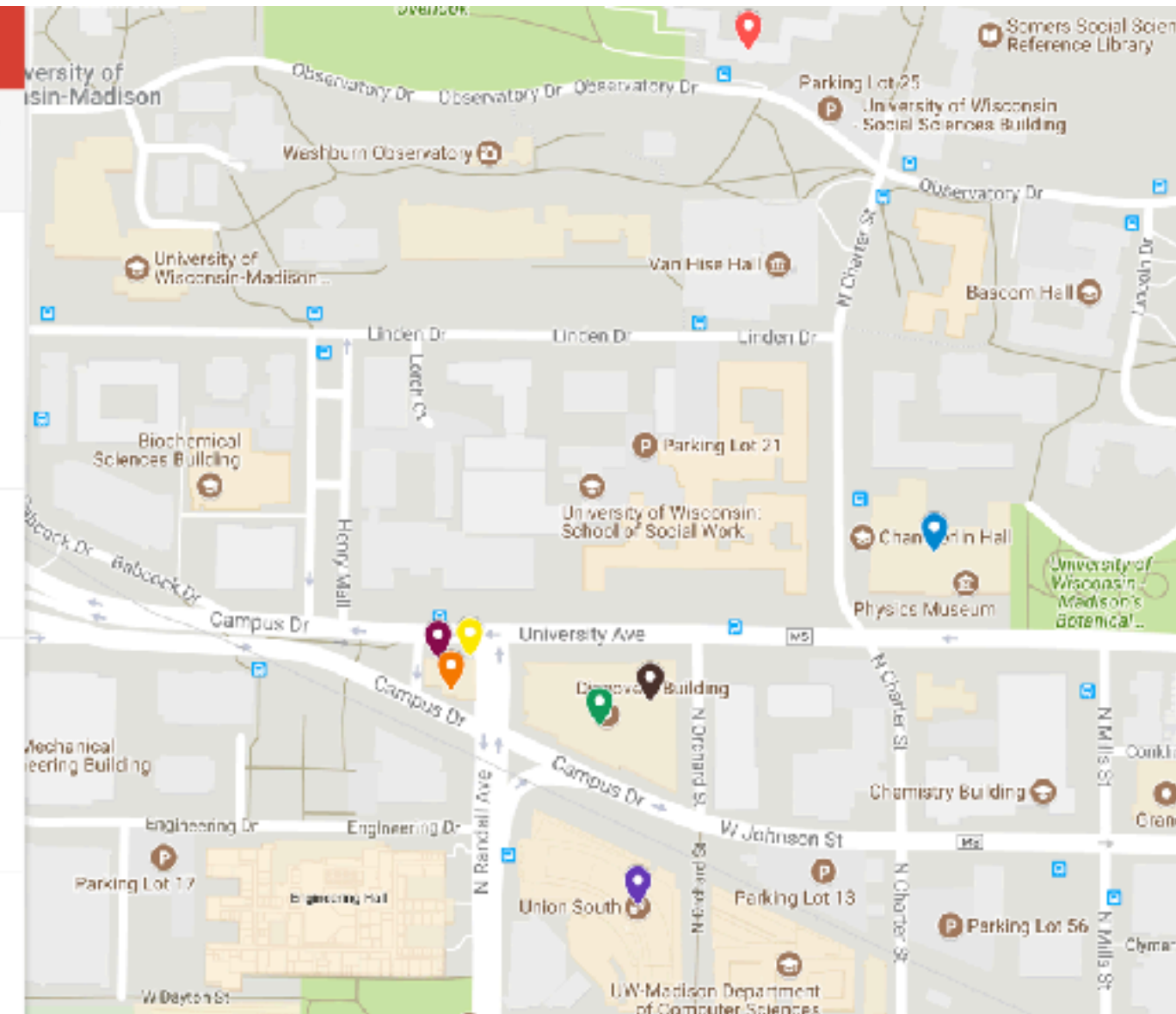
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- Bootcamp 2018-Lunch ...
- Lunch spots around Chamberlin Hall
- 23 views
- SHARE
- \$-Lunch spots (\$5-\$10 range)
  - Subway-Sandwich(1401 University Ave)
  - Liz's Market-food court (1200 Observatory ...)
  - Union South-Variety of food places (1308 ...)
  - QQ Express Chinese(1401 University Ave)
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  - Chamberlin Hall Meeting location (1150 Un...
- \$\$-Lunch spots (\$10-\$20)
  - Library Cafe & Bar(320 Randall Ave)
  - Aldo's Cafe(330 N Orchard St)
  - Steenbock's On Orchard (330 N Orchard St)

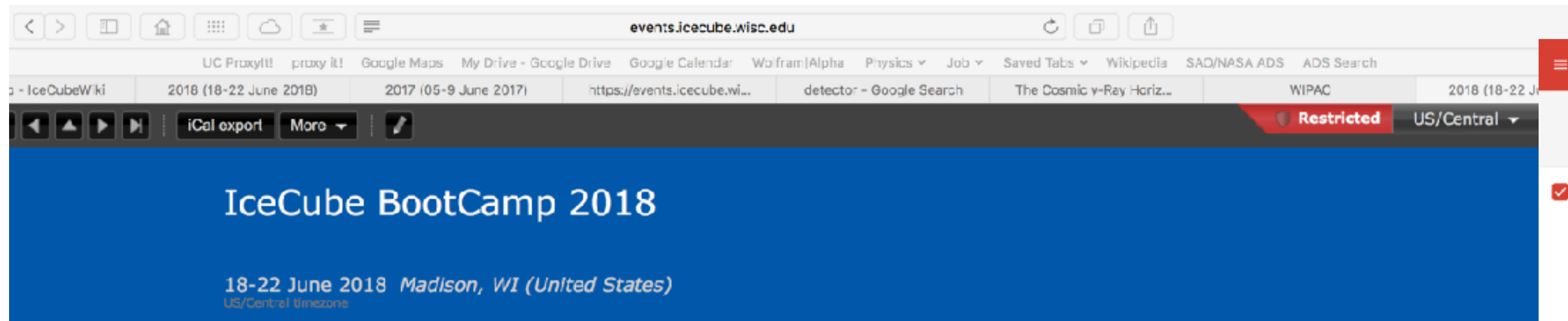


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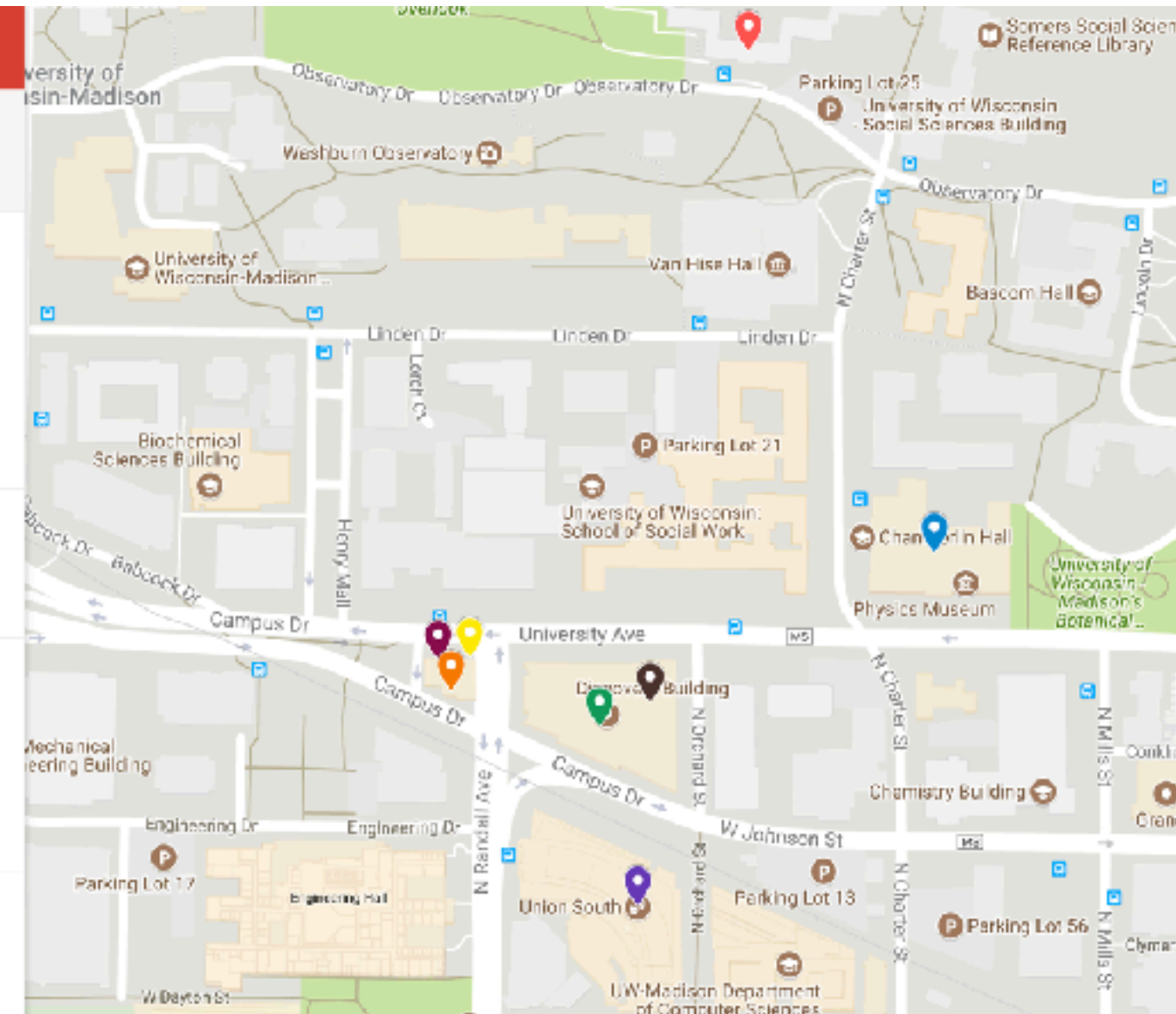
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**Bootcamp 2018-Lunch ...**

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