

Welcome to IceCube!

The IceCube Collaboration



International Funding Agencies

Fonds de la Recherche Scientifique (FRS-FNRS)
Fonds Wetenschappelijk Onderzoek-Vlaanderen
(FWO-Vlaanderen)
Federal Ministry of Education & Research (BMBF)

German Research Foundation (DFG)
Deutsches Elektronen-Synchrotron (DESY)
Knut and Alice Wallenberg Foundation
Swedish Polar Research Secretariat

The Swedish Research Council (VR)
University of Wisconsin Alumni Research
Foundation (WARF)
US National Science Foundation (NSF)

important links:

- the wiki:

<http://wiki.icecube.wisc.edu/>

- docushare:

<https://docushare.icecube.wisc.edu/>

- code:

<http://code.icecube.wisc.edu/projects/icecube>

<http://code.icecube.wisc.edu/projects/icetray>

- mailing lists:

<http://lists.icecube.wisc.edu/>

working groups

- analysis:
 - point sources, diffuse fluxes, extreme energies, ...
- detection channels:
 - cascades, muons, taus
- detector&simulation:
 - calibration, simulation, verification

communication

- weekly or biweekly phone calls:
 - IceCube call (Tuesdays, weekly)
 - analysis call (Thursdays, weekly)
- + working group calls:
http://wiki.icecube.wisc.edu/index.php/Scheduled_Phone_Calls

communication

- collaboration meetings (2x per year)
 - spring meeting in the U.S.
 - fall meeting in Europe
- mailing lists: sign up on <http://lists.icecube.wisc.edu/>
- IRC: <http://wiki.icecube.wisc.edu/index.php/IRC>

our plans for the Boot Camp

- here's what we are going to do:
<https://events.icecube.wisc.edu/indico/conferenceOtherViews.py?view=standard&confId=44>
- physics of IceCube
- software
- how do I analyze all this data?
- Get you ready to work in IceCube!

today

- Overview (Stefan Westerhoff)
- get you connected, get everything installed, solve as many problems as we can to get you ready
- lunch! (here)
- Introduction to Unix and the IceCube cluster (Nathan Whitehorn)

tomorrow

- official start: 9am
- if you have problems with your software installation, your computer or anything else: we'll be here at 8:30am to help you!

new things this year

(for us)

- we will record the sessions and post the recordings each night (both camera and screen capture)
- we will assign “mentors” (IceCubers working here in 222) to each student:
 - ask them questions (“what’s it like at the South Pole?”, ...), discuss your goals, tell them if we did a bad (or good?) job at anything, ...
 - try to meet 15-20 minutes a day
 - starting today (afternoon, during coffee break)

don't forget:

- ask questions!