

## AI committee meeting January 2012

### Gillian Peguero from AMS visited at the start of the meeting.

- She can send mail from us to students interested in AI as well as to all people who selected AI on their list of interested conferences
- We need to talk to Claudia about facebook page

### Introductions/Attendance:

- Sue Ellen Haupt <[haupt@ucar.edu](mailto:haupt@ucar.edu)>
- Philippe Tissot <[philippe.tissot@tamucc.edu](mailto:philippe.tissot@tamucc.edu)>
- [aaclod@locean-ipsl.upmc.fr](mailto:aaclod@locean-ipsl.upmc.fr)
- [berrado.mohamed@gmail.com](mailto:berrado.mohamed@gmail.com)
- [thiria@locean-ipsl.upmc.fr](mailto:thiria@locean-ipsl.upmc.fr)
- [julien.brajard@locean-ipsl.upmc.fr](mailto:julien.brajard@locean-ipsl.upmc.fr)
- [aem35@msstate.edu](mailto:aem35@msstate.edu)
- Mike Richman <[mrichman@ou.edu](mailto:mrichman@ou.edu)>
- Chad Shafer <[cshafer@ou.edu](mailto:cshafer@ou.edu)>
- Mike Baldwin <[baldwin@purdue.edu](mailto:baldwin@purdue.edu)>
- Amy McGovern <[amcgovern@ou.edu](mailto:amcgovern@ou.edu)>
- Tim Supinie <[tsupinie@ou.edu](mailto:tsupinie@ou.edu)>
- David John Gagne II <[djgagne@ou.edu](mailto:djgagne@ou.edu)>
- Jeffrey Basara <[jbasara@ou.edu](mailto:jbasara@ou.edu)>
- Carlos Gaitan <[cgaitan@eos.ubc.ca](mailto:cgaitan@eos.ubc.ca)>
- Alex Cannon <[acannon@uvic.ca](mailto:acannon@uvic.ca)>
- Haig Iskenderian <[haig@ll.mit.edu](mailto:haig@ll.mit.edu)>
- Yan Glina <[yglina@ll.mit.edu](mailto:yglina@ll.mit.edu)>
- William Hsieh <[whsieh@eos.ubc.ca](mailto:whsieh@eos.ubc.ca)>
- Armando Pelliccioni <[a.pelliccioni@inail.it](mailto:a.pelliccioni@inail.it)>
- Valliappa Lakshmanan <[lakshman@ou.edu](mailto:lakshman@ou.edu)>

### Scheduling our next conference, and what to include in the Call

- When the AI conference first started, we held it only every other year but now we have enough participation to maintain every year. We agreed to meet at the 2013 conference.
- We will list student travel scholarships in the call (Amy will add this)
- The joint conferences have worked very well in the past few years and we will continue to pursue these. Possible opportunities:
  - 29th Conf on EIPT: IIPS has changed its name to EIPT: Environmental Information Processing Technology - Lak
  - 25th Conference on Climate Variability and Change– Mike R.
  - Fourth Conference on Environment and Health– (this session didn't make it in 2012 but hopefully in 2013!) - Jeff
  - Fourth Conference on Weather, Climate, and the New Energy Economy – Sue Ellen

- Conference on Satellite Meteorology, Oceanography and Climatology – ask William
- 16th Conference on Aviation, Range, and Aerospace Meteorology– Haig
- The following conferences were discussed but don't seem to be in the list of conferences meeting at the 2013 annual meeting.
  - GIS joint conference – Philippe and Lak
  - Air pollution – Armando
  - Severe storms – Amy
  - Decision support – John W
  - Numerical Weather Prediction - Mike Balwin

### **Claudia Gorski from AMS visited our meeting**

- AMS wants to move all committee webpages into AMS space
  - Ours is currently at OU (maintained by David Gagne)
  - Brian from AMS will be the point of contact for this and Claudia will send us his contact information
  - We can still update the webpage, it will just be hosted by AMS and will provide a standard template
- AMS is working on a smartphone app for the meeting planner next year (instead of the giant paper book)
- Planning meeting for 2013 meeting to be held Thursday at 3. John and Phillippe will go.
- Remember, next year's meeting is early! Jan 6-10

### **Whether to continue the AI Contest**

- This year's contest had grand plans and great joint partnerships with several other conferences. Then they had issues with obtaining the data (NDAs) and it was finally resolved but it added significant time to the process. The data wasn't ready as early as promised and it is never ready when promised (every year of contests, so far).
- Can we use kaggle.com to host the data and the contest? This enables the data to live on from year to year.
  - We also want to have a leaderboard that updates daily. Kaggle can provide that.
- Discussion of making the contest every other year. At one year we announce the data and the contest and at the next year, we present the contest and winners. The data will be available every other annual meeting. We discussed this at length and decided this was the way to go. We will aim to have a contest ready to announce at the 2013 annual meeting.
- We really need to have a real prize. This will also need to be secured when the conference is announced (every other annual meeting).
- We want to increase student participation. AMS can email all students but we need a way to make it easier for students to enter. The biggest barrier is the fee. We will waive abstract submission fees for winners and for students we will waive the registration fee to the conference to present. This will feature in the announcement!

- AMS has flexibility on timing of when the abstracts must appear. For paper programs, it has to be Nov 14 but hopefully the smartphone apps will enable us to extend that.
- What topic should the 2014 contest cover?
  - Climate dataset? (Lak)
  - Real-time monthly predictions (Mike Baldwin)
  - Mesonet data (5 Billion observations, Jeff Basara)
- Committee to organize 2014 contest:
  - Jeff, Amy, David John, Carlos, Alex

**Should the AI committee co-sponsor the 2012 NASA Conference on Intelligent Data Understanding (see [www.nd.edu/~dial/cidu2012/](http://www.nd.edu/~dial/cidu2012/))?**

- Yes!
- Lak, Philippe, Amy, and Haig will help review.
- Conference will be held Oct 24-26
- Could we add an AI workshop to the end or start? Possibly. John will look into this.
- AMS will help promote both the co-sponsorship and any workshops

**Sponsoring future Educational Forum, Short Course, or other outreach**

- Lak is volunteering a short course/tutorial on automating spatial analysis (per his new book). This will be the 2013 annual meeting. Mike B will help.
- Prob and stats does a lot with spatial forecast verification (MET/MODE toolkit)
  - Small part of the overall theme

**Soliciting new material, links, resources, datasets for our website**

- Claudia will give us links for the new website
- John will send the educational forum talks from last year
- David will add a link to CIDU conference

**Ideas for enhancing communication and collaboration**

- Again, discussion with Claudia from earlier.
- David will make a mailing list or perhaps someone from AMS

**Open brainstorming and discussion**

- Can AI have a table or a co-table at weatherfest?
  - Amy, Yan, David, Phillip, Lak want to work on it. Jeff is a maybe.
  - We may be able to partner with Mesonet/OCS (talk to Jeff about this)
  - Lak suggests a beat the radar contest where you look for adaptive radar
  - Philippe suggests sencha touch which can develop for touchscreen android and iPhone/iPad works in chrome (java scripts)
  - Amy wants a game about beating the AI forecaster
- Could we do a joint session with the educational conference?
  - We can all develop some materials for the K-12 outreach
- Lak and John are interested in helping in the broader outreach

**Passing the baton to Amy McGovern as the new Chair**