

# SC\_20100810

## iPG2P Steering Committee

August 10, 2010; 2 to 3 pm EDT

**Present:** Doreen Ware, Karla Gendler, Chris Jordan, Chris Myers, Ruth Grene, Steve Goff, Steve Welch, Jeff White

### Notes/Agenda:

- PAG - Steve Goff
  - iPlant is signed up for a workshop in January
  - ASPB meeting went fairly well
    - People pretty responsive
    - Good feedback from NSF
    - Editor of Science was there (Pam Hines)
      - Potential for news story in Science when we are ready
  - Ware suggested will need computer modules, can participate in database booth at PAG
  - Haven't developed a plan for who is going to be there
    - First figure out how much time we have and then what we want to present there
  - CGIAR has some sort of work group reservation
  - Might be useful to see if KnowledgeBase is going to be there too
  - Should be ready to discuss software developer toolkit and API to get more developers interested
- Potential collaboration with CGIAR IBP - Steve Goff
  - Conference call this morning with CGIAR IBP
    - Being led by Graham McLaren
    - Part of CIMMYT and CGIAR
    - Funded by Gates foundation
  - Discussing potential to collaborate as they are building tools that breeders would use and want to consider using iPlant infrastructure
  - Will be pushed ahead to next level by them iPlant sending use cases
  - Dan S explained some of infrastructure ideas, architecture, ideas about collaborating with DOE Knowledgebase, how it would be good to collaborate between these groups
  - out of ICIS
  - Overall, good time to start considering standards
  - Set up meeting in October to talk about use cases
  - Create a folder to store information on IBP
  - Proposing to have three software engineers at UA iPlant or TACC to work with developers
  - Dan explained that some tools and middleware not exactly compatible or scalable but seem to be fairly flexible to changing
  - White feels this is an excellent initiative and will allow iPlant to have impact that it is looking for
  - Myers commented from point of view of Gates Foundation, interested to see if connections between C4 and IBP projects
    - Welch added one of graphics showed did include Cornell
    - Invited Gates Foundation people on con call this morning (Brian Love, David Bergvinson, Kartik Raghavan)
    - Mentioned Cornell because of Buckler's group and TASSEL; mentioned effort going on with GPUs and GLM
  - Next point will be sharing info on 14 use cases and 9 crop species planning to support
- NSF ideas lab meeting in Asilomar - Steve Goff
  - Week long meeting in early September that Goff is attending
  - If anyone has ideas about what could be brought up, send to Goff
  - Originally focused on evolution of photosynthesis but open to a lot of different ideas
  - Goff will bring up using energy efficiency to drive computation program of breeding platform
  - Ware asked for further clarification: is it supposed to be focused specifically on evolution of photosynthesis?
  - Goff couldn't provide specifics, said advertised as going beyond evolution of photosynthesis and efficiency
  - Grene wondered if it would that include stress tolerance? Goff thinks yes
- iPlant's NSF Site Visit in November
  - Scheduled Nov 8-9
  - Don't know who participants will be
  - It will be in Arizona (but could still be at TACC)
  - Won't be a typical site visit
    - More of an informal review
  - Day and a half schedule: first review project, then talk about the project and then write the report
- Opportunity to generate iPlant news article in Science
  - Goff will continue to talk to Pam about it
  - Perspective paper would be great (SW, RG)
- Grene is trying hard to have prototype ready for next working group meeting and if it works out, will ask Matt to present to SC

**Next meeting time:** August 24, 2010 2pm EDT

**Adjournment:** 1:34pm EDT