LSST DESC Hack Week:
Introduction and Organization

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Fermilab
April 3-7, 2017

Meeting Code of Conduct

- LSST DESC Meeting Code of Conduct: http://lsst-desc.org/sites/default/files/DESCProfessionalConductPolicies-2.pdf

- Meeting Contact Persons:
Eve Kovacs (Argonne)
Yao-Yuan Mao (University of Pittsburgh)

WARNING

- When I finish talking it will be your turn!

  - Hack Leaders: Pitch your hack/sprint topic and proposed products

  - Free Agents: Say a few words about yourself and some interests and/or skills that you have.

The Hack Week Rule

- **The Rule**: Every group must produce a product by the end of the week!

  - A "product" can be broadly defined (a proof of concept, a figure, a section of a paper, a code repository, etc.)

- Corollary to The Rule: Everyone is part of a group; no one gets left behind!

Aside: Hack vs. Sprint

- **Hack:** Self-assembled team work on self-chosen projects. More spontaneous than a sprint.

- **Sprint:** Intensive (co-located) work by an pre-existing team on a component of a pre-existing project.

- Both Hacks and Sprints are responsible for delivering a **product**!

General Playbook

- **9:30AM** - <u>Morning Tag Up</u>: A chance for new people and hacks to introduce themselves; also a chance for existing hacks to share needs

- **10:00AM** - <u>Morning Hack</u>: The beginning of the hack day

- **10:30AM** - <u>Coffee Arrives:</u> No formal coffee break, but coffee will be available

- **12:30PM** - <u>Lunch</u>: Lunch will be available for purchase in the cafeteria. Groups should feel free to bring it back here, or to continue work at one of the tables in the atrium.

- **1:30PM** - <u>Afternoon Hack:</u> Recommence hack work
  1:30PM - <u>Breakout Sessions:</u> Breakouts bring groups of people up to speed on specialized topics through active participation and discussion

- **3:00PM** - <u>Coffee Arrives:</u> Again, no formal break, but coffee will be available.

- **5:00PM** - <u>Evening Tag Up:</u> Groups have a chance to present interim accomplishments for the day.

Breakouts

- At various times during the week, minimally planned "breakout" sessions will be announced. The goal of breakout sessions is to bring groups of people up to speed on various specialized topics through active participation and discussion. Breakouts will typically be ~30-45 mins in length and scheduled after lunch to be minimally interruptive.

- Currently suggested Breakout topics: https://confluence.slac.stanford.edu/x/k72fD#HackWeek:April3-72017-FNAL-BreakoutSessions

- Contacts:
Tina Peters <tina.peters@dunlap.utoronto.ca>
Yao-Yuan Mao <yymao.astro@gmail.com>

Wednesday: Mini-Hack Day

- Because we are focused on DESC work, this week is more of a sprint week than a hack week.

- We wanted to give an opportunity for spontaneous hacking.

- On Wednesday we will be traveling to UChicago/KICP for the day (Bus leaves Fermilab at **8:00AM**!)

  - We would like to incorporate new, one-day participants

- We plan to have a mini-hack day that focuses on self-contained [one-day hack projects](#)

  - Can be used as a mini-hack in a week-long sprint

  - Can include new and spontaneously assembled hacks

  - Suggestions for Wednesday are very welcome!

Today's Playbook

- **Stand-up:** Everyone will go around and introduce themselves.
  - **Hack Pitch:** If you are a hack proposer or a sprint leader, say a few words to advertise your hack/sprint. Who are you, and who is your team? What are you going to produce? What help do you need?
  - **Free Agents:** If you are unconnected to a hack/sprint, say a few words about your interests and/or skills. What are you hoping to learn this week?
- **Social Time:** Time to meet people and chat casually about projects. Chatting in groups is fine, but do not start working during this time!
- **Group Assembly:** Groups assemble to start their hacks. Free agents should feel free to bounce between groups before lunch, but plan to settle by this afternoon.

Today's Deliverables

- By the evening tag up every group should have:
  - **A link** on the hack table of the agenda wiki (this can be a link to a confluence page, GitHub repo, Slack channel, etc.)
  - **A set of goals** for the week (goals can be abstract objectives like "Learn XYZ" or "Talk to ABC")
  - **A proposed product** for the week (products should be deliverables like "Write a module for XYZ" or "Write a paragraph about ABC")
- Each group will be asked to share their group plan at today's evening tag up
- Goals and products are flexible. Plan to rescope throughout the week. The most important thing is that each group ends up with a product.

Fermilab Logistics

- Social Room (this room): Hornet's Nest (WH8X)

- Other Small Group Rooms: Racetrack (WH7X), Bullpen (WH7XE), One East (WH1E)

- Breakfast/Lunch: Wilson Hall Cafeteria (Atrium)

- Emergency Coffee (6th & 11th Floor)!

- Fermilab Users' Center:
Free: Table Tennis, Billiards, Games, Fireplace, Popcorn
Not Free: Bar, Food (Wed-Fri.)

Staying Connected

- Slack Channel:
  #desc-hackweek

- Email listserv (please subscribe):
  lsst-desc-hackweek@slac.stanford.edu

- Zoom video conference (more if needed):
  https://fnal.zoom.us/j/635483455