

Goals of the LSSTC DSFP



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JPL/Caltech

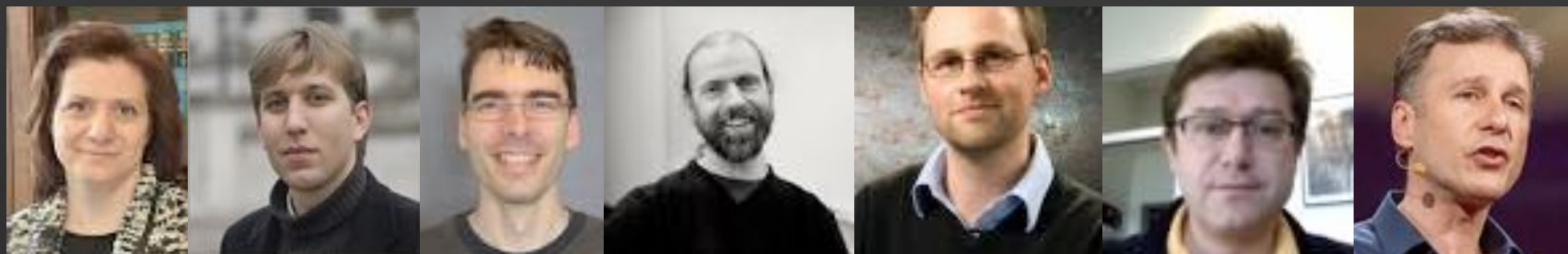
2016 LSSTC DSFP

1 Aug 2016

Goals

- Develop an inclusive and welcoming community

Community



Goals

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- Supplement existing graduate curriculum

Supplemental Curriculum

Not here to replace standard graduate education

Fill gaps re: software development & modern analysis techniques

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- Supplement existing graduate curriculum
- Create a unique program

Unique Program

LSSTC DSFP is unlike any other program (that I know of)

3x / yr - you'll be seeing us a lot (and vice versa)

Expect a lot of us (but - we expect a lot from you as well)

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- Educate next generation of astro data-scientists

DSFP

Program is not just a tool-kit (or learning “how to code better”)

Challenge (for us to teach and you to learn):

- ➔ Knowing what a RF is not sufficient
- ➔ Understanding when RF is best solution

Big Data requires knowledge of all methodologies

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- Foster new collaborations

New Collaborations

Instructors & fellow students - resources/potential collaborators

Host institutions - visit many places in the next 2 years

➡ You get to see them (but they get to see you)

Your institution - (eventually) expect you to teach others

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- Produce well-documented, open resource - available to all

Open Resource

adamamiller / LSSTC-DSFP

Watch

1

★ Star

0

🍴 Fork

0

Code

Issues 0

Pull requests 0

Pulse

Graphs

Lectures and notebooks generated as part of the LSSTC DSFP

2 commits

2 branches

0 releases

1 contributor

Branch: master ▾

New pull request

Find file

Clone or download

adamamiller Created directory to store notebooks and data from the first session ...

Latest commit 628b132 20 days ago

wk1Aug16/.ipynb_checkpoints

Created directory to store notebooks and data from the first session ...

20 days ago

LICENSE

Initial commit

20 days ago

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- Expose wider community to LSST tools

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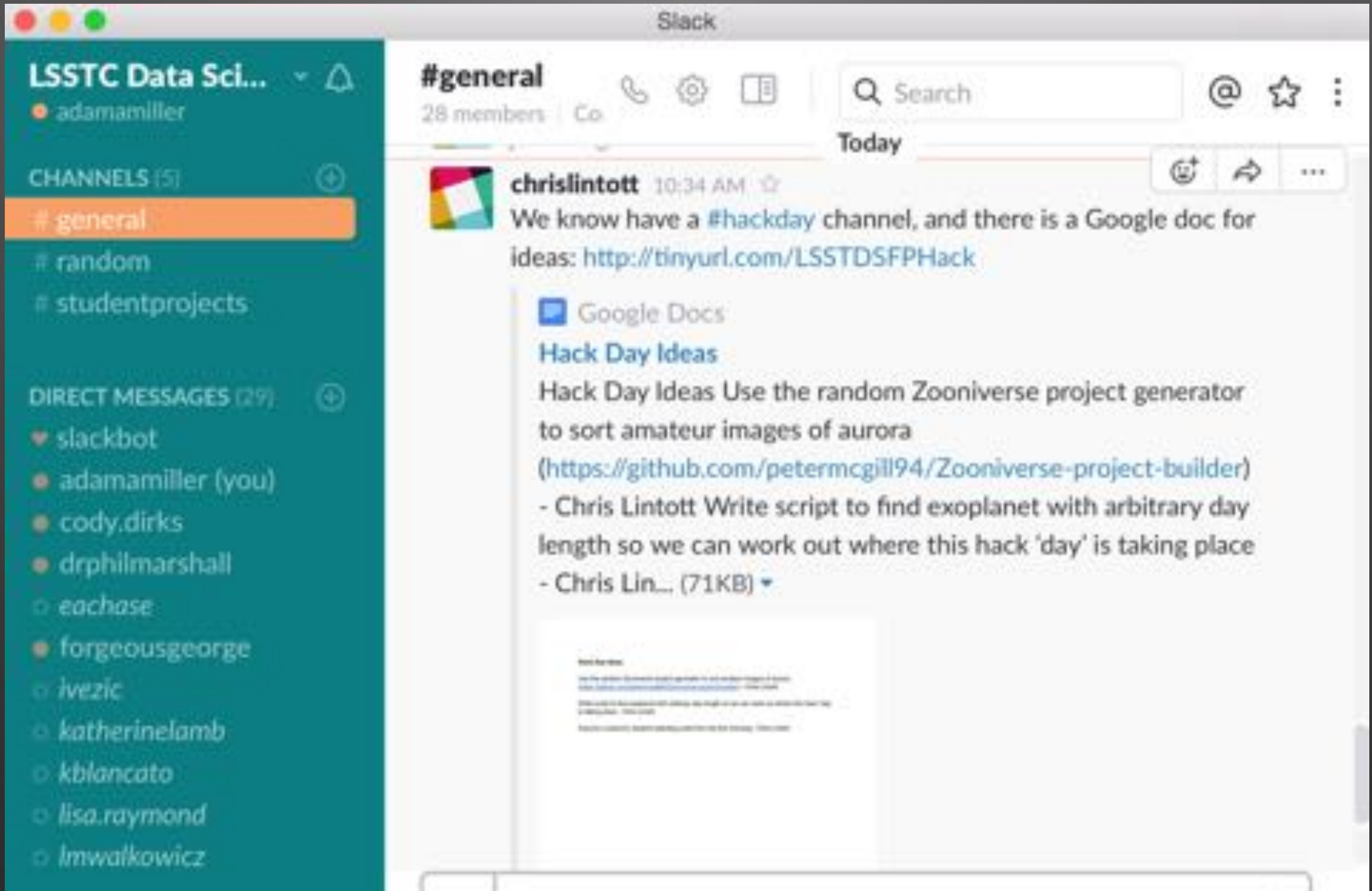
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- Expose wider community to LSST tools
- To proliferate ambassadors for LSST and the LSSTC DSFP

Go Forth



And also remember - this should be fun!


Go Forth

Speaking of fun...




The screenshot shows a Slack interface for a workspace named "LSSTC Data Sci...". The left sidebar lists channels and direct messages. The main area shows a message from "chrislintott" in the "#general" channel, dated "Today" at "10:34 AM". The message content is: "We know have a #hackday channel, and there is a Google doc for ideas: <http://tinyurl.com/LSSTDSFPHack>". Below the message is a Google Docs link titled "Hack Day Ideas" with a description: "Hack Day Ideas Use the random Zooniverse project generator to sort amateur images of aurora (<https://github.com/petermcgill94/Zooniverse-project-builder>)". The list of ideas includes: "- Chris Lintott Write script to find exoplanet with arbitrary day length so we can work out where this hack 'day' is taking place" and "- Chris Lin... (71KB)". A small thumbnail of the Google Doc is visible at the bottom.






LSSTC Data Sci...   adamamiller




CHANNELS (5) 



- # general
- # random
- # studentprojects

DIRECT MESSAGES (9) 


- ♥ slackbot
- adamamiller (you)
- cody.dirks
- drphilmarshall
- eachase
- forgeousgeorge
- ivezic
- katherinelamb
- kblancato
- lisa.raymond
- lmwalkowicz

#general 28 members    @  

Today   

 **chrislintott** 10:34 AM 

We know have a #hackday channel, and there is a Google doc for ideas: <http://tinyurl.com/LSSTDSFPHack>

 Google Docs

Hack Day Ideas

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