

Monday Introduction Agenda & Goals

David Shupe User Support coordinator / NHSC **Archive Scientist**

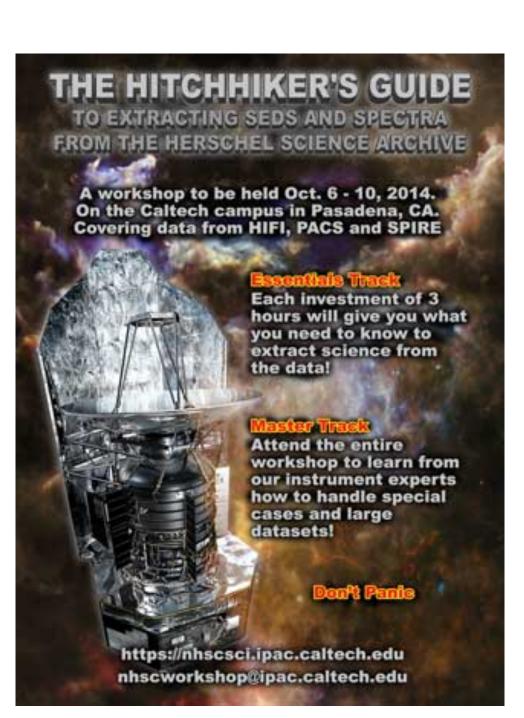














San Francisco Area • Oct. 27-29, 2014

New Classes Being



Hi,

We're still adding classes to Big Data TechCon, the How-To Big Data Conference coming to the S.F. Bay area Oct. 27-29. Check out this one from Krishna Sankar, Chief Data Scientist at blackarrow.tv and a Distinguished Engineer at Cisco.

The Hitchhiker's Guide to Machine Learning with Python & Apache Spark



The Apache Spark framework is gaining popularity as a versatile Big Data fabric across varying levels of data pipelines, covering data management (collect-storetransform) and data science (modeling, reasoning, machine learning). The Python layer (pyspark) is particularly interesting as it enables data scientists and data



Agenda for today

Monday, October 6th: Introduction to Herschel

Start Time	Duration (min)	Title	Presenter	Туре
1:30 PM	10	Welcome	Phil Appleton/Dave Shupe	Talk
1:40 PM	50	Quickstart (HSA and HIPE)	Dave Shupe	Talk + Hands-on
2:30 PM	30	Introduction to HIPE, Part I	Bernhard Schulz	Talk
3:00 PM	15	Break		
3:15 PM	30	Introduction to HIPE, Part II	Bernhard Schulz	Talk
3:45 PM	30	Digging Deeper into the HSA	Dave Shupe	Talk
4:15 PM	75	Hands-on w/Exercises		Hands-on
5:30 PM	Day Ends			

Goals: At the end of the session you should be able to:

- Install and configure HIPE
- Query the Herschel Science Archive (HSA) using the HSA User Interface (HUI)
- Import an observation from a tarball
- Send an observation from the HUI to HIPE
- Understand broadly the capabilities of HIPE for analysis
- Know how to use other ways to identify
 Herschel observations of interest

Caveat: The archive can be unstable

 "Response times can be much longer than usual or the system can be fully unresponsive from time to time."

 Due partly to technical issues, and to bulk reprocessing activity

 The good news: HSC has stopped reprocessing during our workshop

After the Workshop

- User Manuals / Documentation
- HSC Webpages
- NHSC Webpages
- NHSC Helpdesk
- NHSC Workshops / Webinars
- Phone / Videocon / Visits at NHSC