

# Introduction to Galaxy

October 22, 2012

Are you a biological researcher who needs to do complex analysis on large datasets?

Galaxy is an open, web-based platform for data intensive biological research that enables non-bioinformaticians to create, run, tune, and share their own bioinformatic analyses.

This hands-on workshop will teach participants how to integrate data, and perform simple and complex analysis within Galaxy. They will also cover data visualization and visual analytics, and how to share and reuse your bioinformatic analyses, all from within Galaxy.

Physics 026

525 Northwestern Avenue

Apply Now:

<http://bit.ly/gxypurduereg>

Time	Topic
9:00	Welcome, Intro
9:20	Basic Analysis with Galaxy
10:20	Basic Analysis into Reusable Workflows
11:00	RNA-Seq Example I
12:00	Galaxy Project Overview
12:20	Lunch
1:40	RNA-Seq Example II
2:30	Manage, Reuse, and Share Your Analysis in Galaxy
3:10	Persistence, Workflows, Sharing and Publishing
3:00	Set Up Your Own Galaxy Cluster on Amazon

<http://galaxyproject.org/wiki/Events/Purdue2012>

The workshop is free and anyone in the Purdue Community can apply to attend.

*However, space is limited and admission is competitive.*

*Please submit your application by October 14.*

No programming or Linux experience is required. Questions? Contact Jyothi Thimmapuram <jyothit@purdue.edu> or Galaxy Outreach <outreach@galaxyproject.org>.

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