

Introduction to Xanadu

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Preface

This is an introduction to the Xanadu high performance computing cluster.

Here you will watch a series of videos and do some exercises that are meant to help you understand the cluster, get you connected to it and starting to do work.

Contact us

If you need help please contact us on...

Part I

Principles

1 What is High Performance Computing?

<https://www.youtube.com/embed/Yz8W3-iEdzE?si=XgibQkMb37Wlpqt1>

What does the acronym HPC stand for?

- (A) Hark! Party Crashers!
- (B) High Performance Computing
- (C) Hearty Pork Chili

Why do we use HPC resources in the biological sciences?

- (A) Biology is too easy, so we need to keep ourselves occupied by learning other skills.
- (B) If we analyze data on our laptops, we won't be able to use them to watch cat videos.
- (C) Typical consumer-grade computers don't have enough computing power to handle many large datasets.

2 The parts of Xanadu

The second video will go here.

Part II

Practice

3 Logging in to Xanadu

The third video will go here.

References