

Rutgers Discovery Informatics Institute (RDI²) Welcomes

<High School Name>

<High School Location>

Diving into Big Data: Large Scale Computing Workshop

Agenda

- 9:30-10:00 Rutgers Discovery Informatics Institute Introduction
- 10:00-10:30 Computing and Data Science Tutorial
Data Science Fundamentals
Introduction to Virtual Data Collaboratory (VDC) project
Ocean Observatory Initiative (OOI) Demo
Q&A
- 10:30-12:30 Hands-on workshop and Tour of RDI²
Python development that uses OOI use case
Apache Kafka framework and NSF CloudLab
- 12:30-1:30 Career Panel/lunch
- 1:30 Departure

Speakers and Facilitators:

RDI² Leadership
RDI² Researchers
RDI² Application Developer
RDI² System Administrator
RDI² Research Associate Faculty
RDI² Graduate Students
RDI² Distinguished Fellows



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For more information visit <http://rdi2.rutgers.edu>

Python - Python is an interpreted high-level programming language for general-purpose programming. Created by Guido van Rossum and first released in 1991, Python has a design philosophy that emphasizes code readability, and a syntax that allows programmers to express concepts in fewer lines of code

NSF CloudLab - NSF CloudLab is a flexible, scientific infrastructure for research on the future of cloud computing.

Apache Kafka[®] - Apache Kafka[®] is a distributed streaming platform used for building real-time data pipelines and streaming apps.



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