Jupyter in the Classroom Series
Workshops in March

Workshop Series

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Jupyter in the Classroom

Jupyter in the Classroom: Part 1 Design a Class
March 7th from 11:00am – 12:00pm

⇒ Jupyter Notebook is an open-source web program used to encourage interaction with students and instructors using shared documents. This workshop will provide an overview of using scientific ideas, mathematics, visual presentation, visualization and computer language to present applied mathematical concepts to engineering students. Actual course materials will be used to demonstrate the flow of a lecture while pausing along the way to point out the technical features of the Jupyter Notebook environment.

This presentation will also involve a hands-on activity where the attendees will create a 5 minute mini lecture using "typical" materials that an instructor may have from their current course content. The session will help demonstrate how to transform existing materials into an interactive classroom activity as shown in the first part of the workshop.

Visit the Registration page for further information on workshop and to register.

Jupyter in the Classroom: Part 2 Using Cloud Infrastructure
March 21st from 11:00am – 12:00pm

⇒ You are convinced Jupyter is the future of computation in the classroom, but you are concerned with students getting stuck with the setup of Jupyter and any other required packages. Why not run everything in the cloud! Imagine students log in and do assignments and examples in the cloud. In this session we will go over the process of setting up Jupyterhub on the cloud.

Visit the Registration page for further information and to register.