# PHYS 498 MLP
Machine Learning for Physics

Want to develop powerful algorithms that help you analyze scientific data efficiently, make better decisions and find anomalies?

Want to gain insight about what machines learn from your data and make them better learners through physics knowledge?

*If you answered "yes" to either of these questions, then this course is for you!*
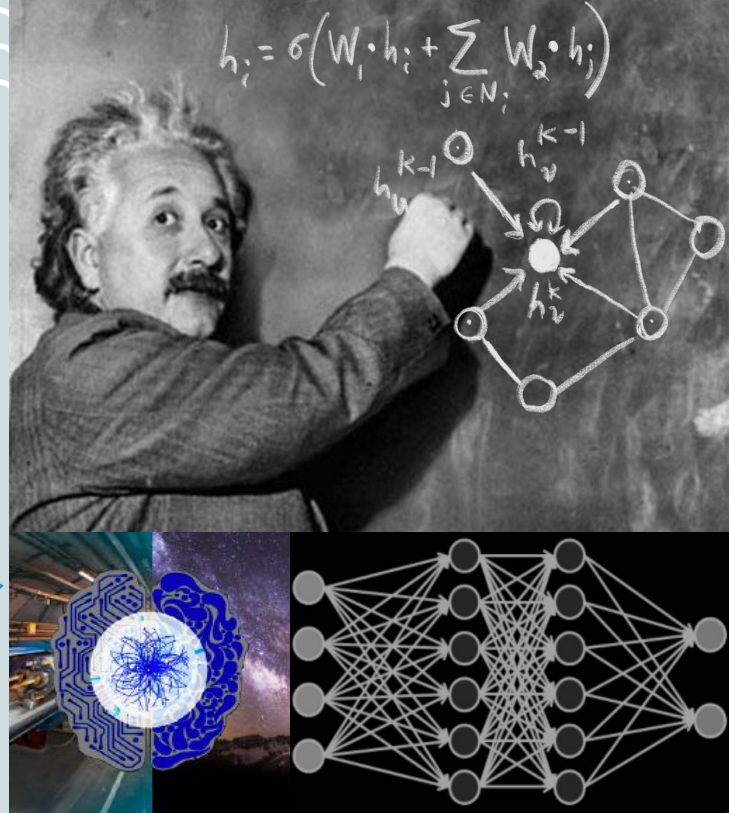
**This course provides an introduction to modern machine learning from a physics perspective**

ABOUT THE COURSE

Upon completion of the course, students will learn to:

1. **Understand the basic concepts and tools of modern data science, artificial intelligence (AI), and machine learning (ML)**

2. *AI/ML for Physics*: **Apply AI/ML modern methods to scientific challenges though hands-on projects utilizing open data**

3. *Physics for AI/ML*: **Integrate physics knowledge into AI/ML models to improve their learning efficiency, performance and interpretability**
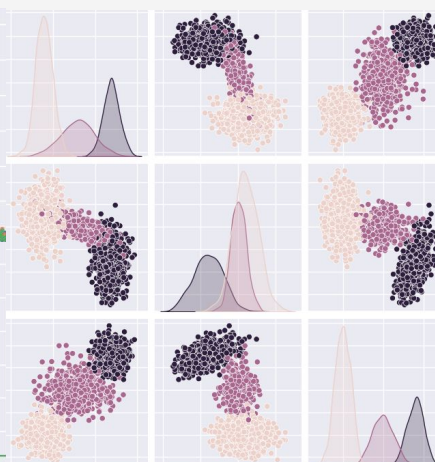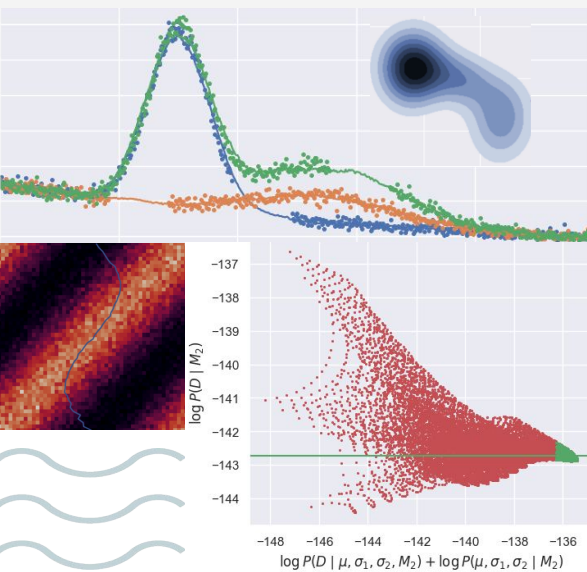
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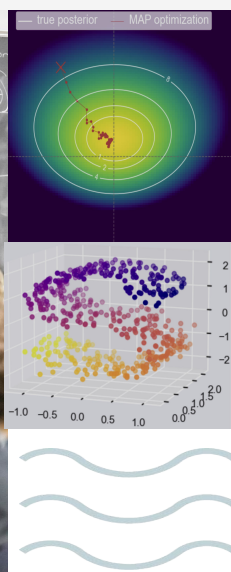
Slots are still available for Spring 2024. Register today!