

Session Program

12-14 Aug 2025

**Reproducible Machine Learning Workflows for
Scientists Workshop 2025**

Instruction Session

Discovery Building
330 N. Orchard St Madison, WI 53715

Tuesday 12 August

09:00

Instruction Session: Introduction to Pixi and conda packages

Session | **Location:** Discovery Building, 330 N. Orchard St Madison, WI 53715 | **Convener:** Matthew Feickert

09:00–09:20

Welcome and Introduction

Speaker

Matthew Feickert

09:20–10:40

Introduction to Pixi

Speaker

Matthew Feickert

10:40–11:00

Coffee and tea break

11:00–12:30

Introduction to conda packages

Speaker

Matthew Feickert

12:30

Wednesday 13 August

09:00

Instruction Session: Intro to CUDA conda packages and Linux containers

Session | **Location:** Discovery Building, 330 N. Orchard St Madison, WI 53715 | **Convener:** Matthew Feickert

09:00–10:40

Introduction to CUDA conda packages

Speaker

Matthew Feickert

10:40–11:00

Coffee and tea break

11:00–12:30

Introduction to Linux containerization

Speaker

Matthew Feickert

12:30

Thursday 14 August

09:00

Instruction Session: Pixi CUDA environments on HTC systems with GPUs

Session | **Location:** Discovery Building, 330 N. Orchard St Madison, WI 53715 | **Convener:** Matthew Feickert

09:00–10:40

Introduction to containerized ML operations on HTC GPU systems

Speaker

Matthew Feickert

10:40–11:00

Coffee and tea break

11:00–12:30

Introduction to containerized ML operations on commercial cloud systems

Speaker

Matthew Feickert

12:30