

**Introductory Course
2025/10/21: HPC and Data
Management @KIT**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Software Modules: UC3+HK

Tuesday, October 21, 2025 2:00 PM (45 minutes)

Contribution ID: 2

Type: **not specified**

Batch System: Introduction

Tuesday, October 21, 2025 3:00 PM (1h 15m)

- Executing programs on an HPC cluster using the batch system
- Preparation of jobs to be run on the HPC system
- Specifying and handling of resources (CPUs, memory, file systems, GPUs, etc.)
- Working interactively on the cluster

Contribution ID: 3

Type: **not specified**

File Systems

Tuesday, October 21, 2025 4:30 PM (45 minutes)

The introduction file system course will explain each file system with its properties and in which cases it should be used. The course will also explain how to create and manage so-called workspaces which are working directories with a lifetime.