



## Parallel Computing and I/O

The group Parallel Computing and I/O (ParCIO) conducts research and development on parallel systems. We develop concepts for high-performance computing, storage and file systems, as well as for parallel programming. As part of our teaching activities, we cover these topics and more regarding the efficient use of modern computer systems. We focus on the following research areas:

- High Performance Computing
- Storage and File Systems
- Data Reduction Techniques
- I/O Interfaces
- Programming Concepts

For more information, please see our [research page \(https://parcio.ovgu.de/Research.html\)](https://parcio.ovgu.de/Research.html).

### Teaching

We offer a lecture [Parallel Storage Systems \(https://parcio.ovgu.de/Teaching/Summer+2022/Parallel+Storage+Systems.html\)](https://parcio.ovgu.de/Teaching/Summer+2022/Parallel+Storage+Systems.html) and a software project [Parallele Systeme \(https://parcio.ovgu.de/Teaching/Summer+2022/Parallele+Systeme.html\)](https://parcio.ovgu.de/Teaching/Summer+2022/Parallele+Systeme.html) in summer semester 2022.

### News

07.03.2022

**Paper at CHEOPS 2022**

---

02.02.2022

**Teaching in Summer 2022**

---

02.12.2021

**Student Cluster Competition at ISC-HPC 2022**

---

13.11.2021

**CHEOPS Workshop at EuroSys 2022**

---

21.09.2021

**ParCIO Blog**

---

[more...](#)