OTTO VON GUERICKE UNIVERSITÄT MAGDEBURG

Parallel Computing and I/O

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The group Parallel Computing and I/O (ParCIO) conducts research and development on parallel systems. We develop concepts 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://www.parcio.ovgu.de/Research.html) .

This semester, we offer a lecture › Parallel Programming (https://www.parcio.ovgu.de/Teaching/Summer+2024/Parallel+Programming.html) , a lecture › Parallel Storage Systems (https://www.parcio.ovgu.de/Teaching/Summer+2024/Parallel+Storage+Systems.html) , a seminar › Effizient Programmierung und Ein-/Ausgabe (https://www.parcio.ovgu.de/Teaching/Summer+2024/Effiziente+Programmierung+und+Ein__Ausgabe-p-378.html) and a software project › Parallele Systeme (https://www.parcio.ovgu.de/Teaching/Summer+2024/Parallele+Systeme.html) .

News

04.04.2023
Teaching in Summer 2023

17.01.2023
Green Storage Paper

01.11.2022
New Group Member

07.09.2022
Teaching in Winter 2022/2023

13.06.2022
SMASH Project

› more...