MATLAB for HPC (HYBRID course)

Montag, 06. November 2023 | 09:00 Uhr bis 17:00 Uhr

Jülich Supercomputing Centre (JSC) | 52425 Jülich, Wilhelm-Johnen-Str.

MATLAB for HPC at Jülich Supercomputing Center (JSC) is a hybrid workshop on parallel computing using large compute resources. The workshop includes hands-on exercises where you learn how to effectively use MATLAB and MATLAB Parallel Server to speed up your computations on the cluster at the Jülich Supercomputing Center.

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Server to speed up your computations on the cluster at the Jülich Supercomputing Center.

The course will be delivered in hybrid mode. You can attend the course **on-site (09:00-12:00) on Novembe**

Note: There are two separate registration forms for on-site and online participation.

Benefits for the attendees, what you will learn:

Attendees will learn the following:

- How to submit MATLAB jobs to the HPC cluster, including hands-on submission of example jobs
- Ways to tune job submissions, including accessing GPUs on the HPC cluster
- How to optimize job submissions
- Troubleshooting job submission techniques
- Best practices for rehosting code
- Opportunity to discuss their MATLAB code in-person with experts from MathWorks

Target Audience

Beginner/Intermediate: Students, postdocs, and other academic users with a beginner/intermediate knowle
cannot access the cluster hands-on.

Notes

- This course is offered free of charge.
- There will be two previous online workshops on MATLAB.

Acknowledgments

The CoE RAISE and the EuroCC 2 projects support this course.

The EuroCC 2 project has received funding from the European High-Performance Computing Joint Undertaking (JU) under grant agreement No 101101903. The JU receives support from the Digital Europe Programme and Germany, Bulgaria, Austria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Greece, Hungary, Ireland, Italy, Lithuania, Latvia, Poland, Portugal, Romania, Slovenia, Spain, Sweden, France, Netherlands, Belgium, Luxembourg, Slovakia, Norway, Türkiye, Republic of North Macedonia, Iceland, Montenegro, Serbia.

The CoE RAISE project has received funding from the European Union's Horizon 2020 – Research and Innovation Framework Programme H2020-INFRAEDI-2019-1 under grant agreement no. 951733.

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https://www.fz-juelich.de/jsc

Weitere Informationen:
https://www.fz-juelich.de/en/ias/jsc/news/events/training-courses/2023/matlab-hpc