

AI Training Series - Fundamentals of Deep Learning - powered by NVIDIA (Online Course)

Dienstag, 23. Juli 2024 bis Mittwoch, 24. Juli 2024 | 10:00 Uhr bis 17:00 Uhr

Online course by LRZ

This course, powered by NVIDIA, is part of the "**LRZ AI Training Series**", a series of courses aiming at the needs and expectations of data analytics, big data & AI users at LRZ. While focusing on these particular users and their use cases, this session as well as all other courses offered as part of the AI Training Series are, of course, open to all interested parties.

This course for **academic participants from Germany** will be organised as an **online event**.

Contents

In this intensive 2-day course, packed with lectures about Deep Learning and AI, you will learn:

- to train and deploy deep neural networks to solve computer vision problems,
- the fundamentals of machine learning for working with texts,
- to effectively parallelize training of deep neural networks on single and Multi-GPUs

The lectures are interleaved with many demos and hands-on sessions using Jupyter Notebooks. Students will have access to a fully configured GPU-accelerated workstation in the AWS cloud.

The workshop is co-organised by LRZ and NVIDIA Deep Learning Institute (DLI). Material developed by NVIDIA is supplemented with vendor-neutral material developed by LRZ.

Veranstalter:
Leibniz Supercomputing Centre (LRZ)

Weitere Informationen: <https://app1.edoobox.com/en/LRZ/Online%20Courses/Online%20Course.ed.874ad8>