

FUNDAMENTALS OF DEEP LEARNING

January 4, 2022

ONLINE

Deep Learning is a powerful AI approach that uses multi-layered artificial neural networks to deliver state-of-the-art accuracy in tasks such as object detection, speech recognition, and language translation. Using deep learning, computers can learn and recognize patterns from data that are considered too complex or subtle for expert-written software.

In this workshop, you'll learn how deep learning works through hands-on exercises in computer vision and natural language processing. You'll train deep learning models from scratch, learning tools and tricks to achieve highly accurate results. You'll also learn to leverage freely available, state-of-the-art pre-trained models to save time and get your deep learning application up and running quickly.

This course is only offered to academia (see details below in section Capacity and Fees).

Tutor: Georg Zitzlsberger

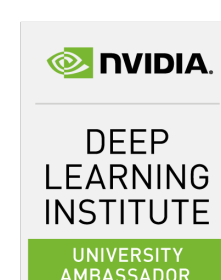
Schedule:

08:45 - 09:00	Time to join the meeting
09:00 - 09:15	Introduction
09:15 - 12:00	The Mechanics of Deep Learning with Hands-on
12:00 - 13:00	Lunch Break
13:00 - 14:45	Pre-trained Models with Hands-on
14:45 - 15:00	Coffee Break
15:00 - 16:30	Advanced Architectures: Recurrent Networks with Hands-on
16:30 - 17:00	Wrap Up and Assessment



More information & registration

events.it4i.cz/event/128



This event is a PRACE Training Centre (PTC) course, co-funded by the Partnership of Advanced Computing in Europe (PRACE). The main web page of the course is located on the PRACE Events Portal.

This course is sponsored by NVIDIA as part of the NVIDIA Deep Learning Institute (DLI) University Ambassador program.

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