VSB TECHNICAL UNIVERSITY OF OSTRAVA | **IT4INNOVATIONS NATIONAL SUPERCOMPUTING CENTER**

NVIDIA. DEEP LEARNING INSTITUTE — UNIVERSITY AMBASSADOR

PRACE

FUNDAMENTALS OF DEEP LEARNING FOR COMPUTER VISION
(PRACE Training Course)

11th June 2019
VSB – Technical University of Ostrava
IT4Innovations building, training room

Lecturer | Georg Zitzlsberger (IT4Innovations)

Explore the fundamentals of deep learning by training neural networks and using results to improve performance and capabilities.

During this day, you'll learn the basics of deep learning by training and deploying neural networks.
You'll learn how to:
- Implement common deep learning workflows, such as image classification and object detection,
- Experiment with data, training parameters, network structure, and other strategies to increase performance and capability,
- Deploy your neural networks to start solving real-world problems.

Upon completion, you'll be able to start solving problems on your own with deep learning.

This course is **only offered to academia**.

Tuesday 11th June 2019

08:30–09:00	registration
09:00–11:00	Course Introduction / Introduction to Neural Networks
11:00–11:15	coffee break (training room)
11:15–13:00	Deployment of Neural Networks / Improving Performance

13:00–14:00	lunch (Restaurant Pustkovecka Basta)
14:00–15:30	Beyond Image Classification
15:30–15:45	coffee break (training room)
15:45–17:00	Assessment & Certification / Q & A

MINISTRY OF EDUCATION, YOUTH AND SPORTS

(i) More information & registration:
events.it4i.cz/event/25