



Fundamentals of Deep Learning for Multiple Data Types (PRACE Training Course)

December 10, 2020

**VSB - Technical University of Ostrava
ONLINE**

Lecturers: Georg Zitzlsberger | IT4Innovations

This day explores how convolutional and recurrent neural networks can be combined to generate effective descriptions of content within images and video clips. Learn how to train a network using TensorFlow and the Microsoft Common Objects in Context (COCO) dataset to generate captions from images and video.

AGENDA

- 09:45 – 10:00 Presentation
- 10:00 – 10:20 Welcome and introduction
- 10:20 – 12:00 Introduction to CNNs and Object Segmentation
- 12:00 – 13:00 Lunch Break
- 13:00 – 14:20 Word Generation with RNNs
- 14:20 – 14:30 Coffee break and Group Picture
- 14:30 – 15:45 Image Captioning by Combining RNNs and CNNs
- 15:45 - 16:00 Q&A

More informations & registration:

events.it4i.cz/event/109

