

Introduction to Deep Learning and TensorFlow

3-4 April 2023 - online edition

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AGENDA:

The program could be subject to changes during the course.

Day 1

09:00 - 10:45 Intro to Deep Learning
11:00 - 13:00 Intro to TensorFlow/Keras
13:00 – 14:00 Lunch break
14:00 - 15:00 Building a Network for Linear Regression
15:00 - 17:00 Classification using Convolutional Neural Networks

Day 2

09:30 - 13:00 Intro to Autoencoders
13:00 – 14:00 Lunch break
14:00 - 16:00 Using Autoencoders
16:00 - 17:00 Final comments

Notes: students are kindly asked to have a laptop with a working python3 environment where to install tensorflow, keras, jupyter