

# **HIP Summer School**

## **Report of Contributions**

Contribution ID: 2

Type: **not specified**

## Setup

*Tuesday 5 October 2021 09:45 (15 minutes)*

Contribution ID: 3

Type: **not specified**

# **A Practical Introduction to Machine Learning for Image Classification, and A Formal Introduction to Deep Learning**

*Tuesday 5 October 2021 10:00 (1h 30m)*

Contribution ID: 4

Type: **not specified**

## Exercise 1: Image Classification

*Tuesday 5 October 2021 11:30 (30 minutes)*

Contribution ID: 5

Type: **not specified**

# A Practical Introduction to Image Segmentation

*Tuesday 5 October 2021 12:45 (1 hour)*

Contribution ID: 6

Type: **not specified**

## Exercise 2: Semantic Segmentation

*Tuesday 5 October 2021 13:45 (30 minutes)*

Contribution ID: 7

Type: **not specified**

## Exercise 3: Instance Segmentation

*Tuesday 5 October 2021 14:15 (30 minutes)*

Contribution ID: 8

Type: **not specified**

## How to Deal With Large Image Data

*Tuesday 5 October 2021 15:30 (20 minutes)*



Contribution ID: 9

Type: **not specified**

## Exercise 4: Tile-and-stitch

*Tuesday 5 October 2021 15:50 (20 minutes)*

Contribution ID: **10**

Type: **not specified**

## Exercise 5: Instance Segmentation Challenge

*Tuesday 5 October 2021 16:10 (40 minutes)*

Contribution ID: **11**

Type: **not specified**

## Discussion of Challenge Results

*Tuesday 5 October 2021 16:50 (10 minutes)*