**Day 1**

**09 am**

**Reception and introduction**
Goal: Access and explore whole slide images, explore the APP Center, load and execute APPs, and restrict analysis to Region of Interests, and understand labels and results.

**10 am**

**Analysis algorithm design – tissue and tumor detect**
Goal: Understand and implement algorithm design, digital resolution, image segmentation, classifier training, post-processing, and output metrics.

**12 pm**

**Lunch**
Goal: Recharge and relax.

**1 pm**

**Tissuealign /cell classification**
Goal: Generate a co-registered image, create a nuclear detection APP, and design VDS APPs.

**2 pm**

**Tissuearray / batch processing / data view**
Goal: Dearray a TMA, initiate a batch process, and review the results in excel view.

**3 pm**

**Fluorescence and advanced filter preprocessing / Q&A**
Goal: Identify fluorescent nuclei and overlapping signals using morphometric filters

**4 pm**

**End of day 1**
Day 2

09 am  **Features**
Goal: Identify suitable features for different projects. Explore the advantages of using filters.

10 am  **Classification**
Goal: Understand the theory and concept behind the different classification methods.

12 pm  **Lunch**
Goal: Recharge and relax.

1 pm   **Post processing**
Goal: Understand the impact Post Processing has on classified images and view some examples.

2 pm   **Output variables**
Goal: Define relevant outputs for the project.

3 pm   **Review / Q&A**
Goal: Recap and practice.

4 pm   **End of day 2**