Schedule of the course

- Day 1 (10h-16h00)
  - Lecture 1 (Introduction) – Labs 1 (Pytorch basics)
- Day 2 (10h00-16h00)
  - Lecture 2 (Basics in Neural Networks: backpropagation, autograd, pytorch) –
- Day 3 (10h00-16h00)
  - Labs 2 (Computational graph and optimizer)
  - Lecture 3 (Convolutional Neural Networks) – Labs 3 (Convolutional Neural Network in Pytorch)
  - Lecture 4 (GPU: what is it? How it works with Deep Learning?) – Labs 4 (Run a neural network on GPU)
- Day 4 (10h00-16h00)
  - Lecture 5 (Benefits of Depth) – Labs 5 (Approximation of a function)
  - Lecture 6 (Regularization for Deep Neural Networks) - Labs 6 (Dropout and BatchNormalization)
  - Lecture 7 (Deep and Very Deep Neural Networks)
- Day 5 (10h00-16h00)
  - Labs 7 (Transfer Learning)
  - Lecture 8 (Object Recognition in Computer Vision) – Labs 8 (Object Recognition with YOLO)
  - Lecture 9 (Introduction to Natural Language Processing) – Labs 9 (Word Embedding)
  - Lecture 10 (NLP and Recurrent Neural Networks) – Labs 10 (Long-Short Term Memory Networks)
  - Extra-time: Final Exam – 1 hour (Moodle Quiz)