

The 3rd Deep Learning workshop at STH

Location: Jonasson lab (7th floor, STH building, Flemingsberg)

Time: 19 Dec, 9:00 – 17:00

Contact person: Chunliang Wang, chunwan@kth.se, 0705721418

Program:

9:00-9:10 Introduction

9:10-9:30 Lung nodule detection in chest x-ray images: final reports from the advanced medical engineering course, Fengkai Wan, Carlos Mata, Kui Wai Lau, (KTH)

9:30-9:50 Mammography Classification and Nodule Detection using Deep Neural Networks, Fabian Sinzinger,(KTH)

9:50-10:10 Survival prediction using deep features, Christofer Bustad (KI)

10:10 – 10:30 Survival prediction from early PET/CT in lung cancer, Mehdi Astaraki (KTH)

10:30-10:45 break

10:45-11:05: Automatic visual ratings of brain images using CNN's, Gustav Mårtensson(KI)

11:05-11:25: Automated Segmentation of the Meniscus, Felicia Aldrin (Episurf AB)

11:25-11:45: TBD, Ludwig Jacobsson (ContextVision AB)

11:45-12:05: Deep Photo Style Transfer and its application to digital pathology - a preliminary report, Amirreza Mahbod (KTH, TissueGnostics GmbH)

12:05-12:25: Image segmentation using shape context and deep neural network, Wei Wang(KTH)

12:25-13:30: Lunch

13:30-14:30 Introduction to reinforce learning and lab instructions, Fabian Sinzinger, Daniel Jörgens(KTH)

14:40-17:00 Hands-on session