Day 1 Meeting – 26.06

1. Check with the administration about 6 months – what is the start date? Should I specify this when I start? Can I do this at the end? Can A.F. be a co-supervisor? PhD Linda as a co-supervisor?
2. Ask Inti – tell that we should start with master thesis instead. Ask if she can consider the internship as a 4 weeks project
3. D.W. inform them/ mini deadlines/ sprints of 1 month –

CR cancer / slides – graph nodes e.g. fat – edge regional adjacency graph

Standard dataset for segmentation of images as ground truth – Micha/Loussanne person ? What is

Graph analysis

Requirements

Segmentation ok with this?

Public database that has to be included

1 month deadline

Translate things!

Message passing

CNN VS graph. Why should we care?

ISIP image segmentation

Image/humans/knowing what the networks can do/ restrict the degrees of freedom in CNN/build in constraints in CNN/ deep learning – attributes/ graphs / google does the same? Interface between machine and human

1. 3 months -> Extract different graphs (from literature) from slides H&M or one more staining types
2. Afterwards new graph
3. Edit distance/ graph matching

NN system for finding a similar slide – clustering slides

Hotspots/ budding ? graph that has potential cores – pathology with Inti – relations within the image

1 September (more or less)

Can Linda be a co-supervisor?