Meeting 16-03-2021

**Summery by:**

Daniel Tøttrup

**Time and place:**

16-03-2021 – Zoom

**Participants:**

Daniel Tøttrup

Stinus Lykke Skovgaard

Jonas Le Fevre

Rui Pimentel de Figueiredo

**Agenda:**

* Weekly meeting
* Data augmentation which gave better result for both u-net and fast scnn.
* OhemCE which gives more or less the same results as without.
* We've started implementing Mask R-CNN but haven't made much progress. Currently we are trying to implement the Region Proposal Network and are having some troubles with that.

**Summery:**

* **Don’t implement Mask RCNN** not from scratch (Test it!)
* **Investigate if Mask RCNN** return a probability distribution of the known classes at pixel level.
* Look into if we can extent SCNN and U-net into instance segmentation,
  + Extracting bounding boxes from semantic segmentation
* Look intro object detection metric