Meeting 08-03-2021

**Summery by:**

Daniel

**Time and place:**

08-03-2021 – Zoom

**Participants:**

Daniel Tøttrup

Stinus Lykke Skovgaard

Jonas Le Fevre

Rui Pimentel de Figueiredo

**Agenda:**

* Weekly meeting

**Summery:**

* **Object tracking**
  + Start out simple  
    track the ship
  + Fast SCNN does not provide a bounding box representation
  + We need to preform instance segmentation to implement tracking
  + Mask SCNN provide bounding boxes as well
  + You feed your semantic segmentation bounding boxes (this is called instance segmentation)
* Instead implementing a new network improve the current network, investigate:
  + Data augmentation (add noise, change color channels, so forth)
  + Loss function (Ohem lost function)
* Tell a story with the thesis
  + We have tried the fastest
  + We implemented the best
* Implement next mask R-CNN
* Look into scheduless from pytorch
* Xavier for initializing weights