**Figures**

* Figure with different visual appearances of melt ponds
* Example that shows that ponds are detectable in IR (comparison to VIS)
* IR image comparison: different size, shape and temperature. Blue correspond to cold and yellow to warm
* Melt ponds with different temperatures
* (simple) edge-based detection does not suffice for mp detection

Discussion:

* Intrusions
* Encoder decoder structure U-Net
* Architecture of baseline model