



Mid-Term Presentation - Beehive Traffic

**Jasmin Fischli, Philipp Göldlin, Julie Veya,
Jonathan Burkhard**

Supervisor: Sattler Torsten

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Which are our next steps?

GoPro support

Goal : to have the same view each time

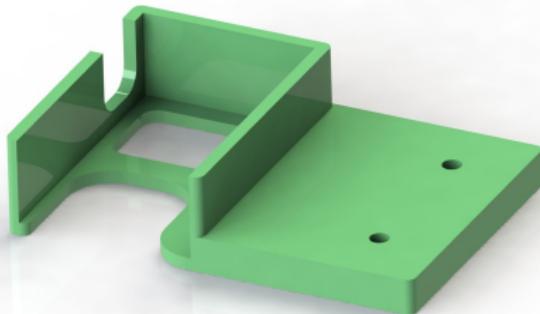


Figure: Support of the GoPro in our hive

Example of the view with this support



Figure: View from the support

Calibration



Figure: Left : frame from the gopro, right : frame after calibration

Background subtraction

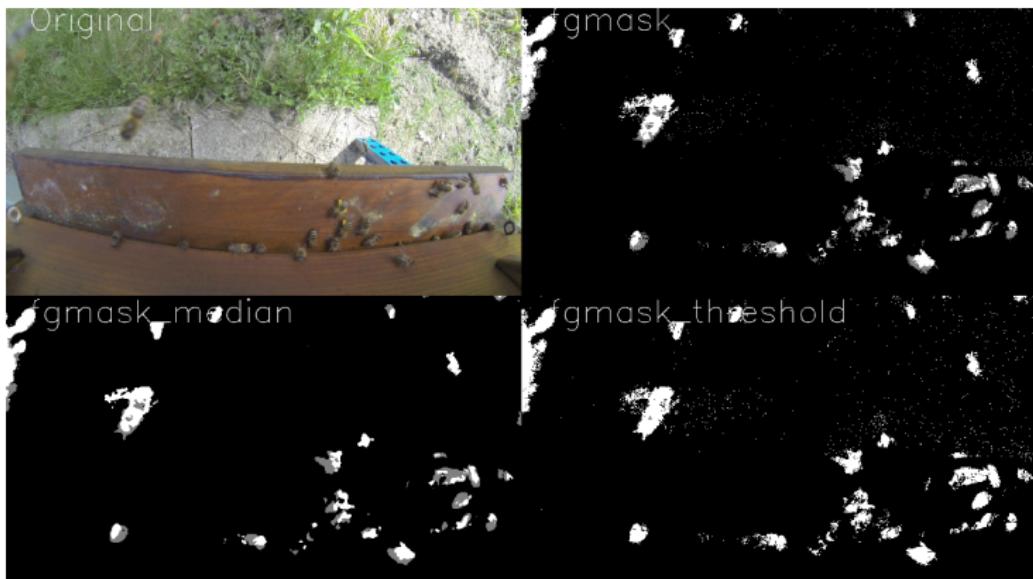


Figure: Original picture, background subtraction, median mask, threshold mask

Where we are right now

<https://www.youtube.com/watch?v=ReSonvV2y0M&feature=youtu.be>

Which are our next steps?

- Continue to track the bees
- Determine logic to count incoming and outgoing bees
- Reflect on further improvement, possible enhancement of method