



Midd-Terms Presentation - Beehive Traffic

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Background subtraction

Tracking some bees

What are our next step ?

Gopro support

Goal : to have everytime the same view

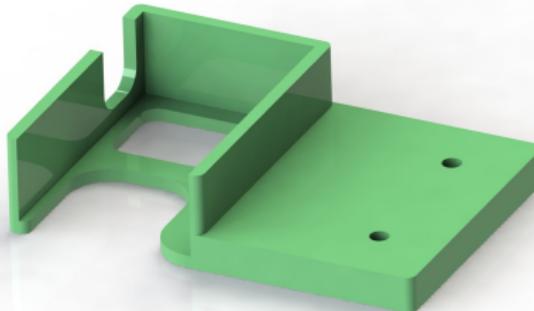


Figure: Support of the Gopro in our hive

Example of the view with this support



Figure: View from the support

Calibration

Background subtraction

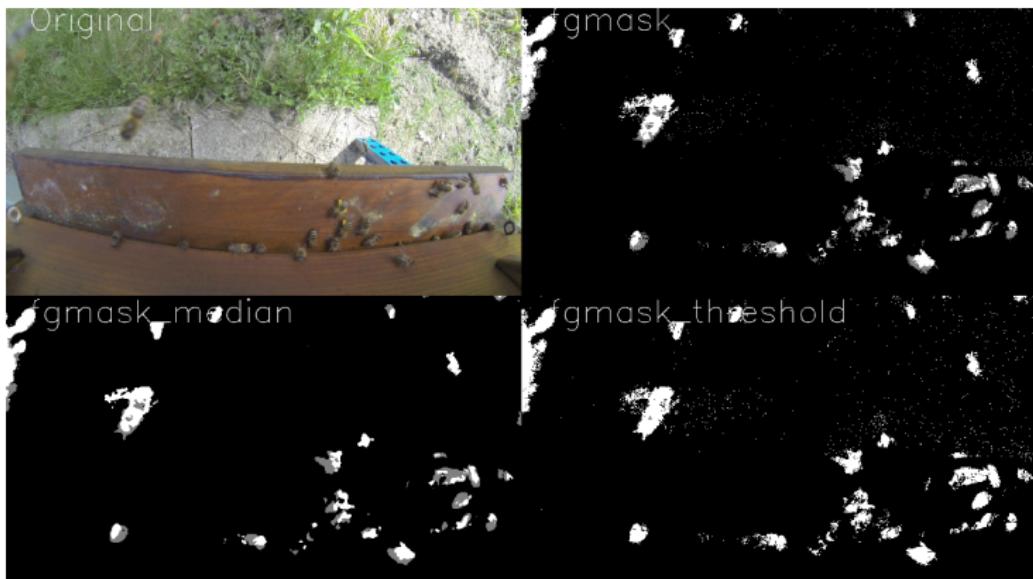


Figure: Original picture, background subtraction, median mask, threshold mask

Where we are right now

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

What are our next step ?

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