

# Sprint

30 May – 05 Jun

23

Points velocity

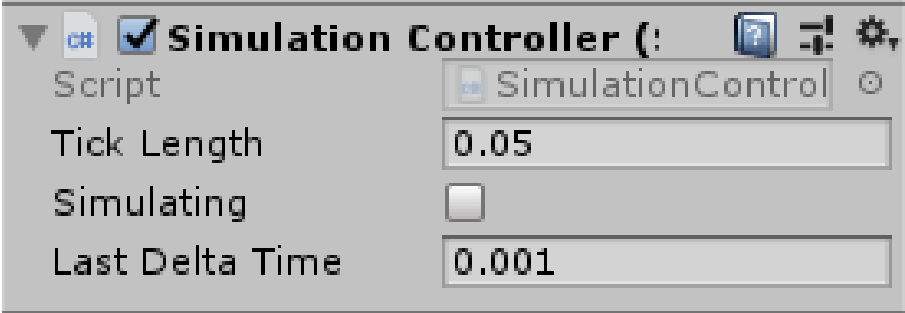
32

Points outstanding work

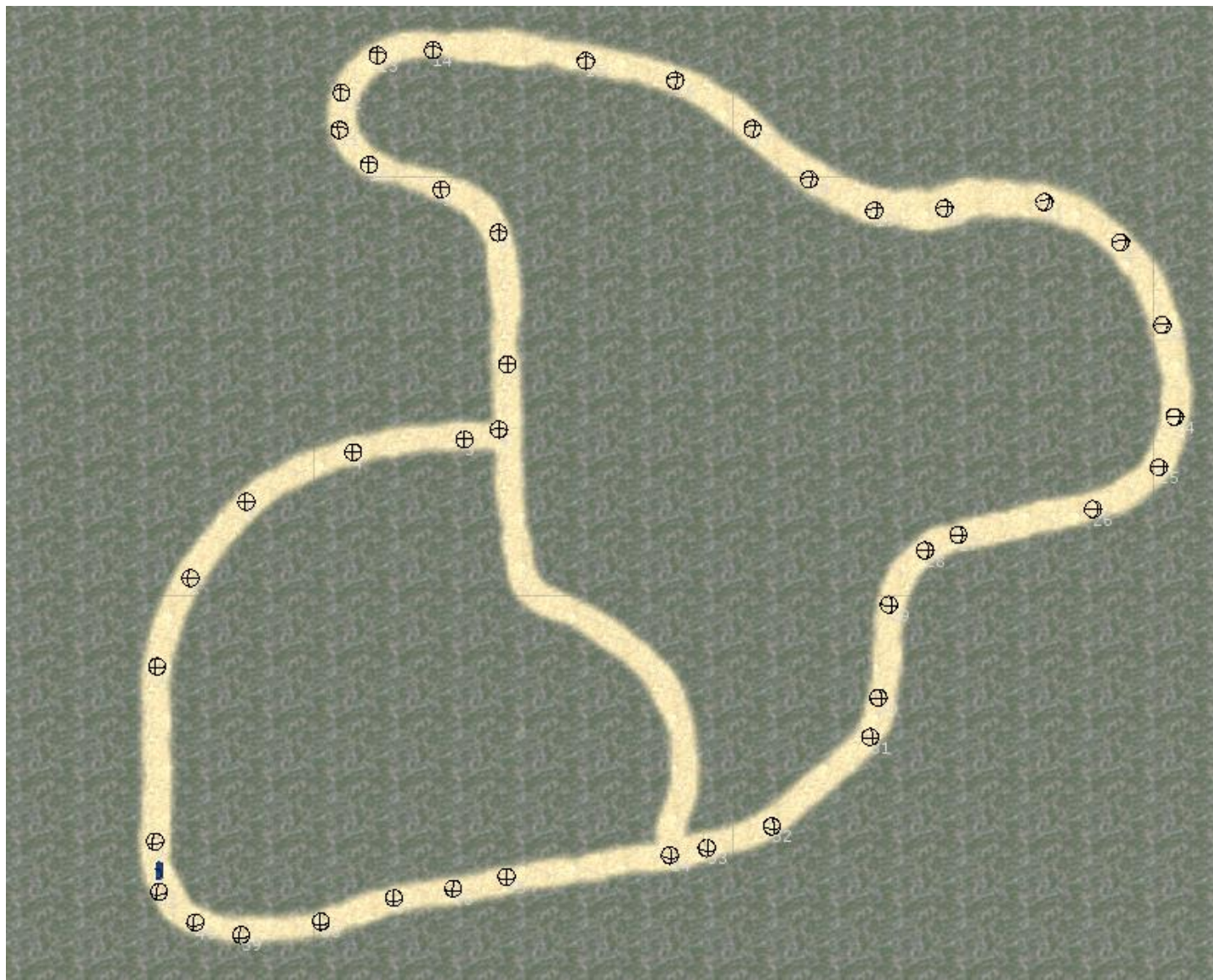
0

Points in progress

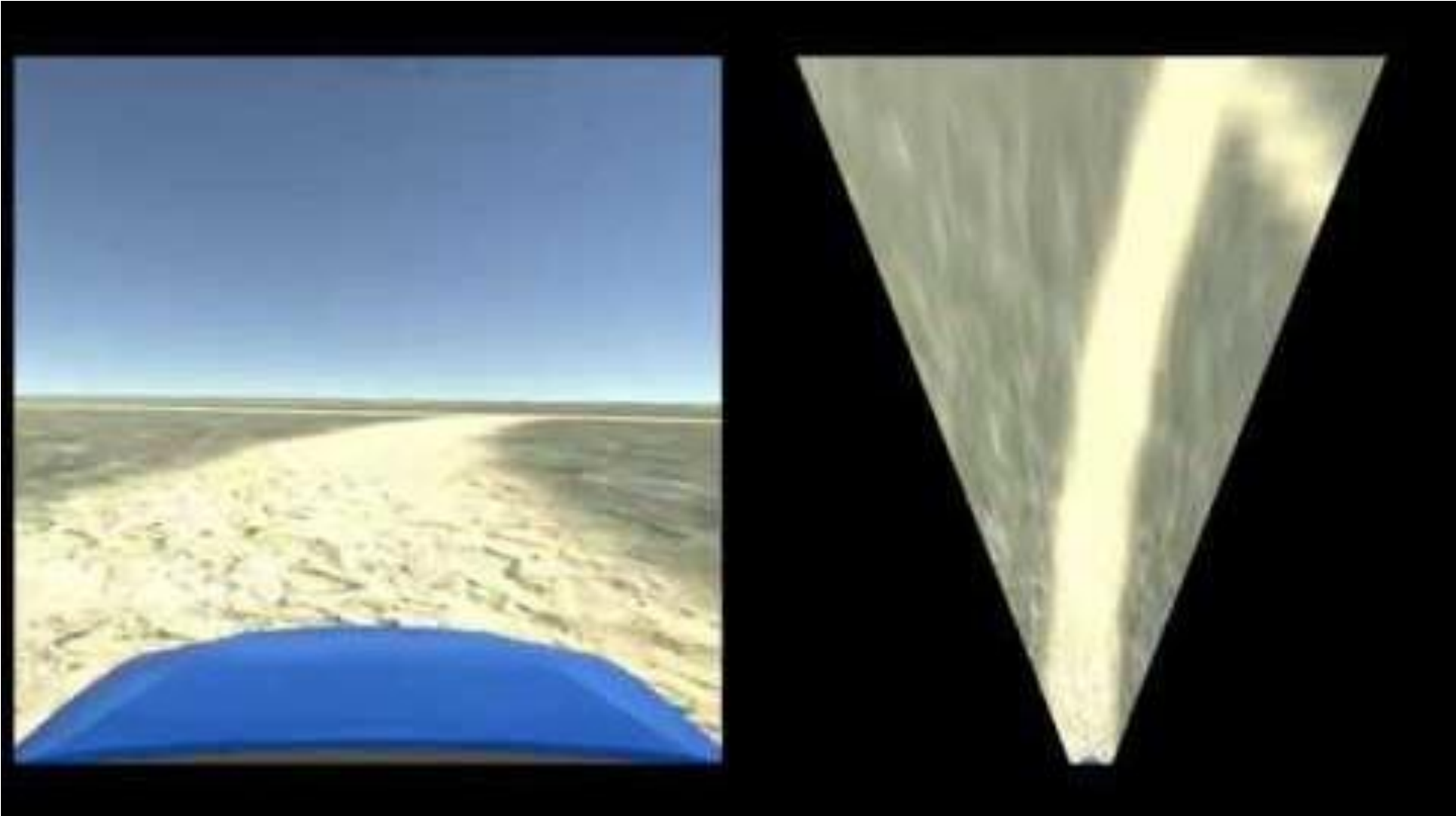
# Key points

- Waypoint based AI implemented
  - GPS and Vehicle camera implemented
  - Interprocess Communication (IPC) with Python process implemented
  - Time dilation with IPC implemented
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- The screenshot shows a software window titled "Simulation Controller (:". It contains a "Script" dropdown menu set to "SimulationControl", a "Tick Length" input field with the value "0.05", a "Simulating" checkbox which is currently unchecked, and a "Last Delta Time" input field with the value "0.001".
- Output video developed (Based on vehicle camera sensor data from AI driving, inverse perspective mapping applied)

# Simulation road nodes



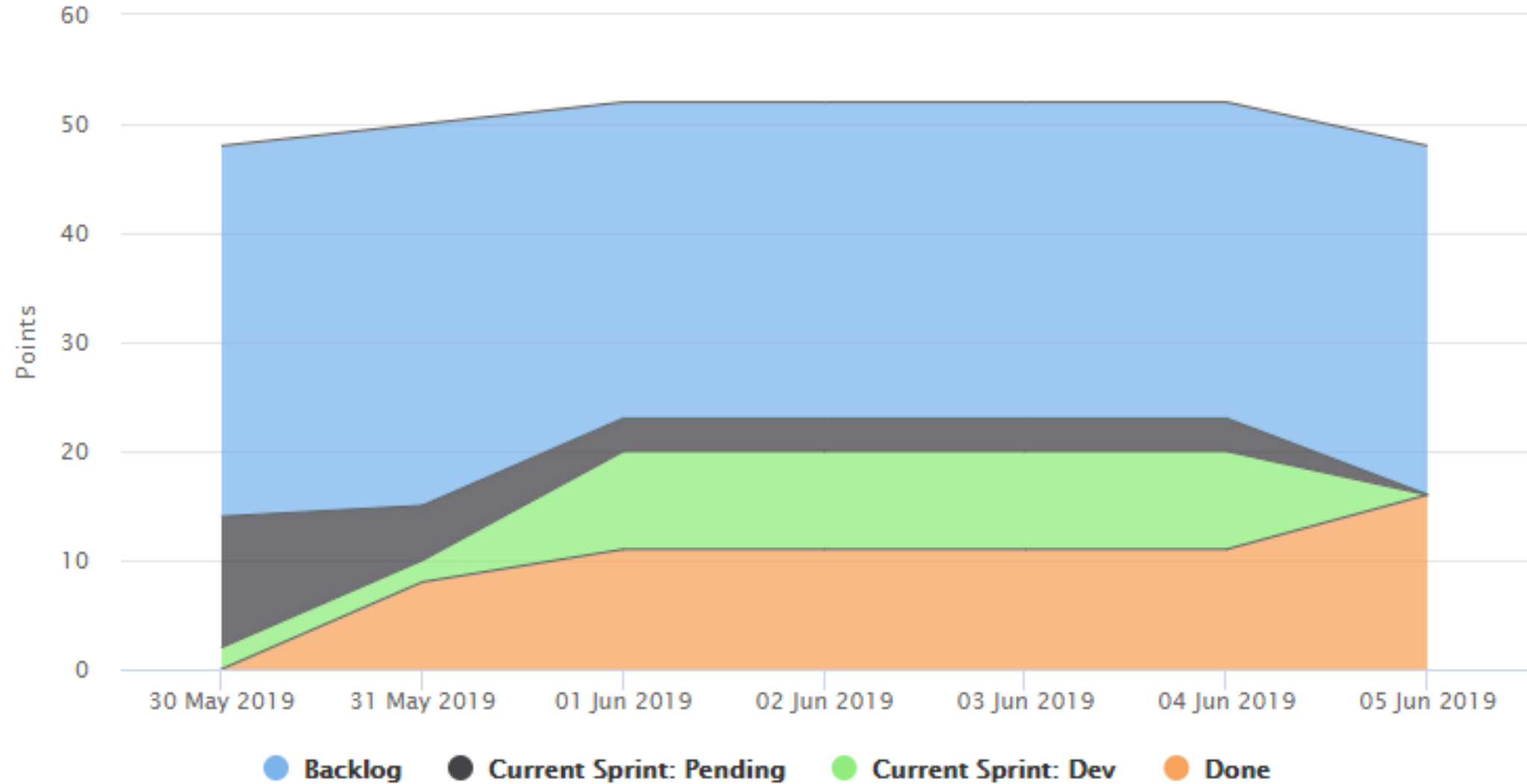
# IPC demo : Simulation camera data IPM transformed in Python



# Performance metrics

- Velocity
  - How many story points completed in a sprint. Used for estimating future work
- Cumulative Flow Diagram
  - Is WIP building up over time?
  - Backlog tracking
  - Work rates
- Cycle time
  - How long individual tasks take to complete vs day completed

# Cumulative Flow Diagram



# Cycle time

