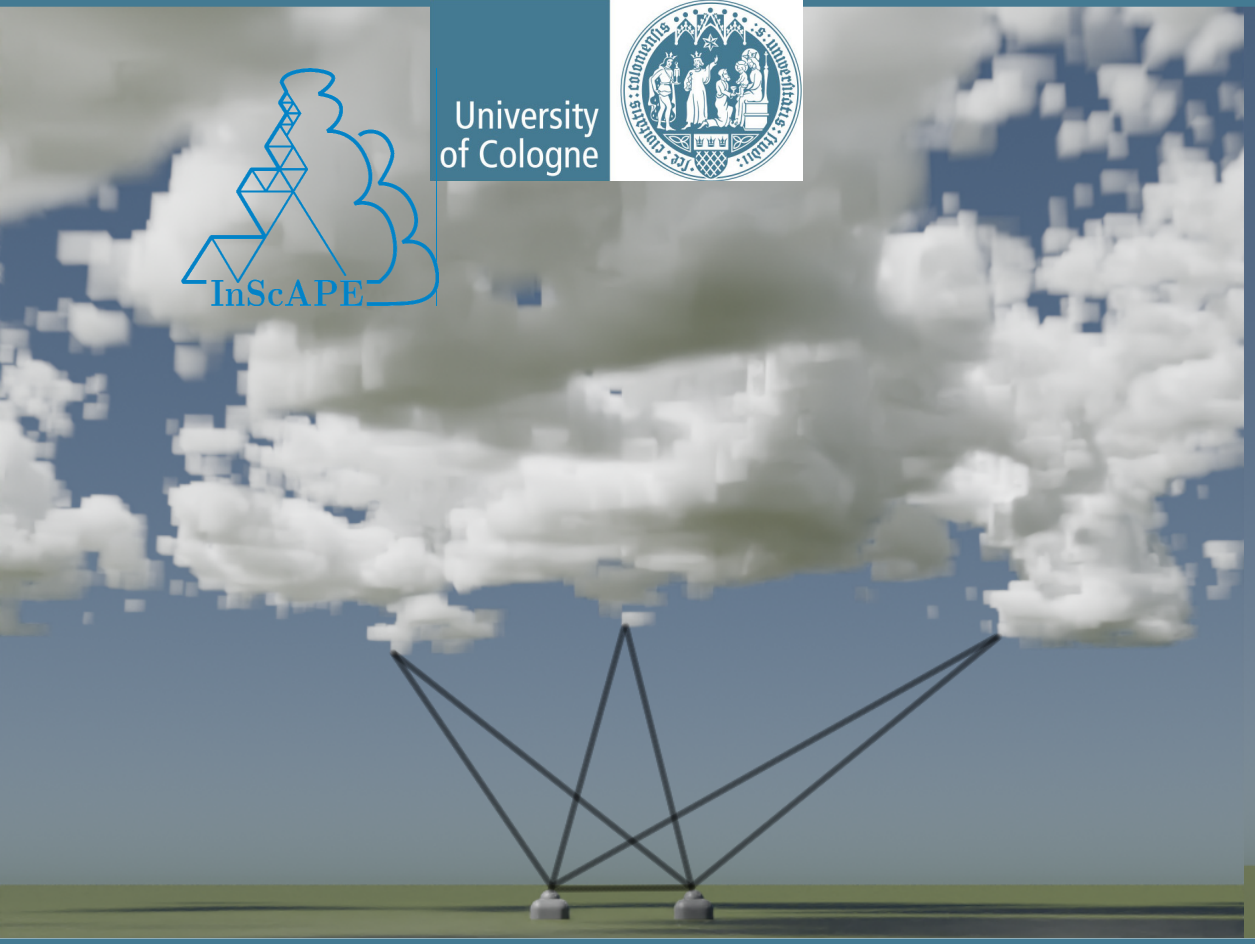
# Using atmospheric path-tracing as a simple hemispheric simulator to test stereo camera reconstructions of 3-dimensional boundary layer cloud fields

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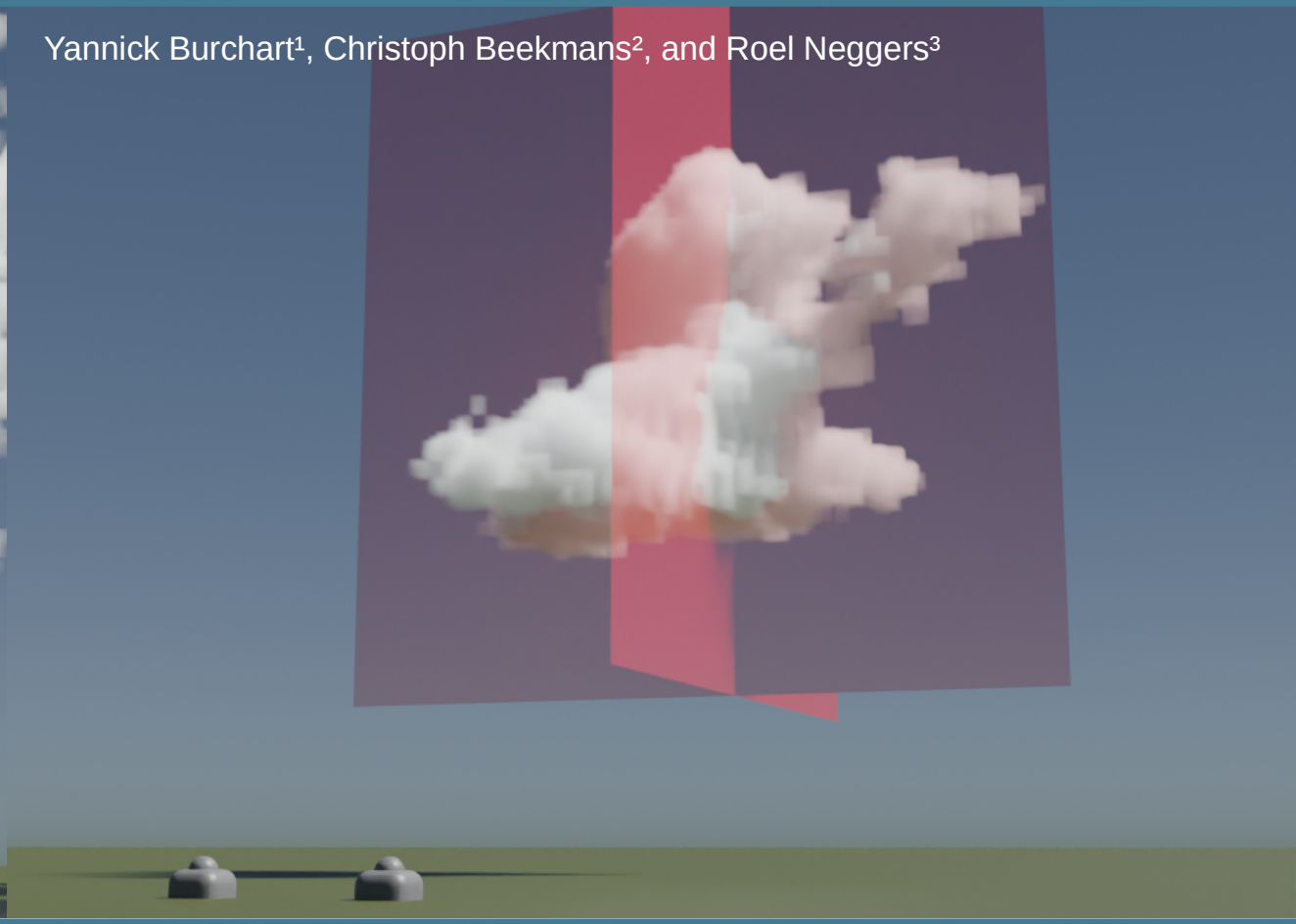

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(Adapted from [Löh+15])

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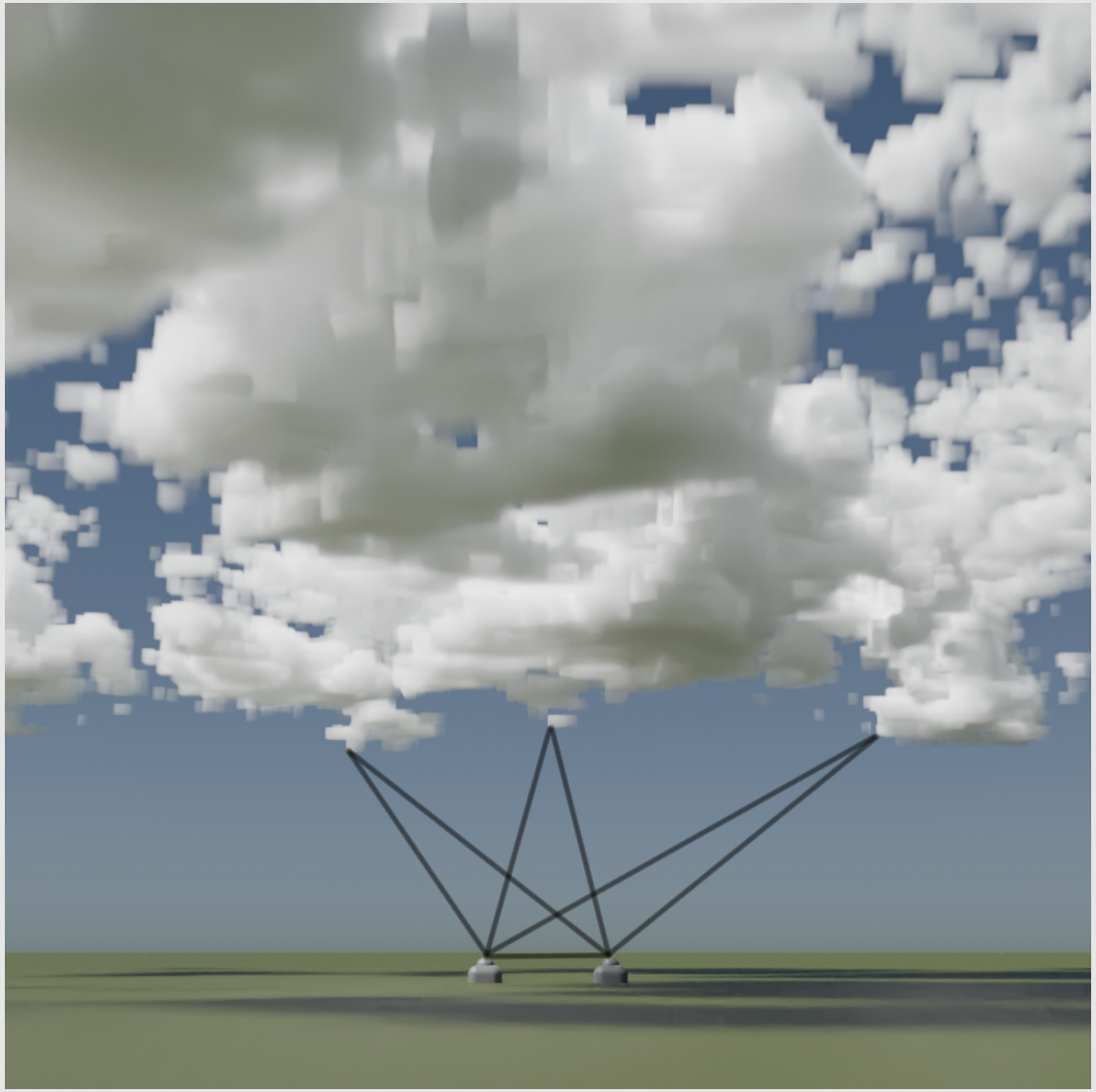


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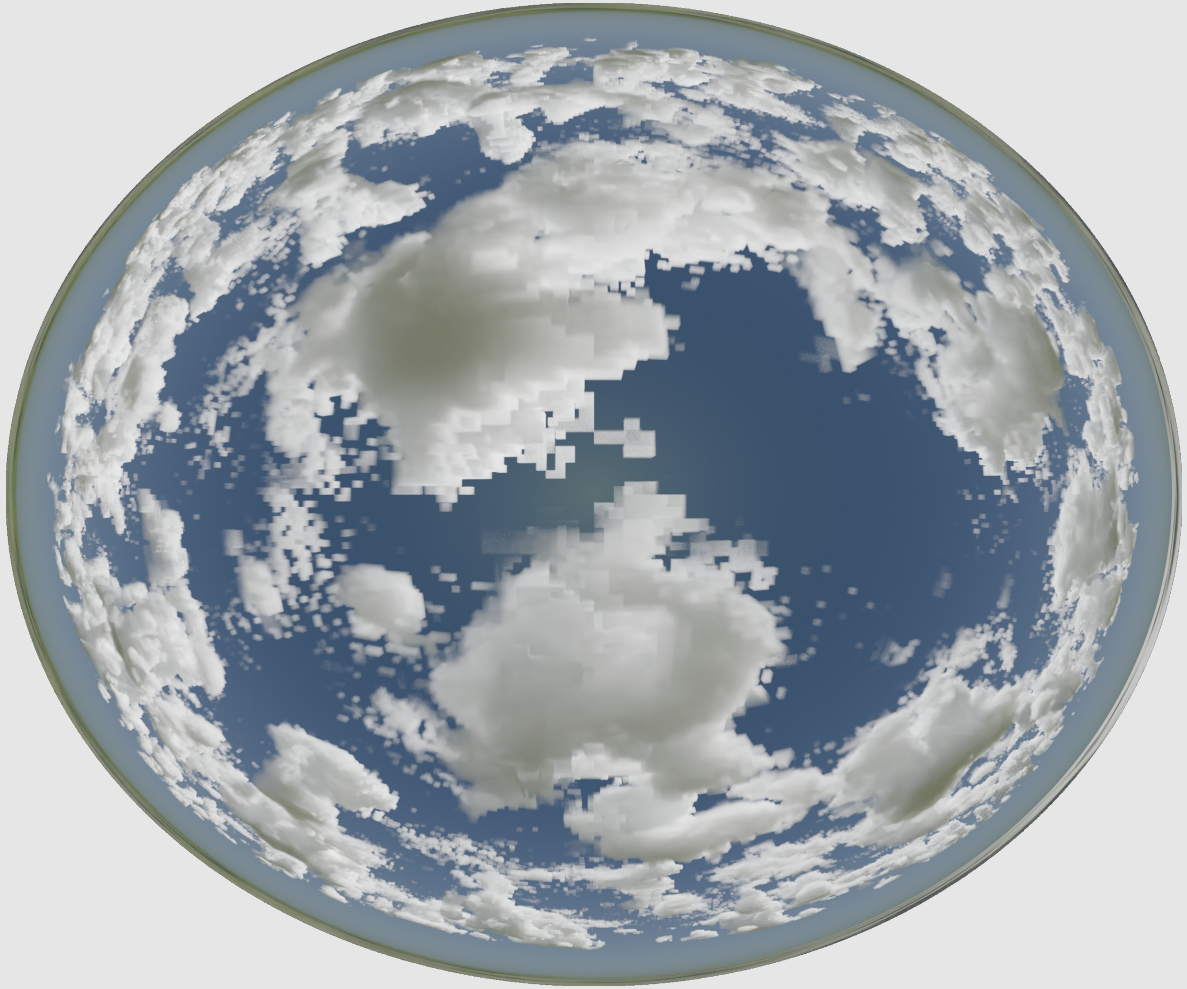

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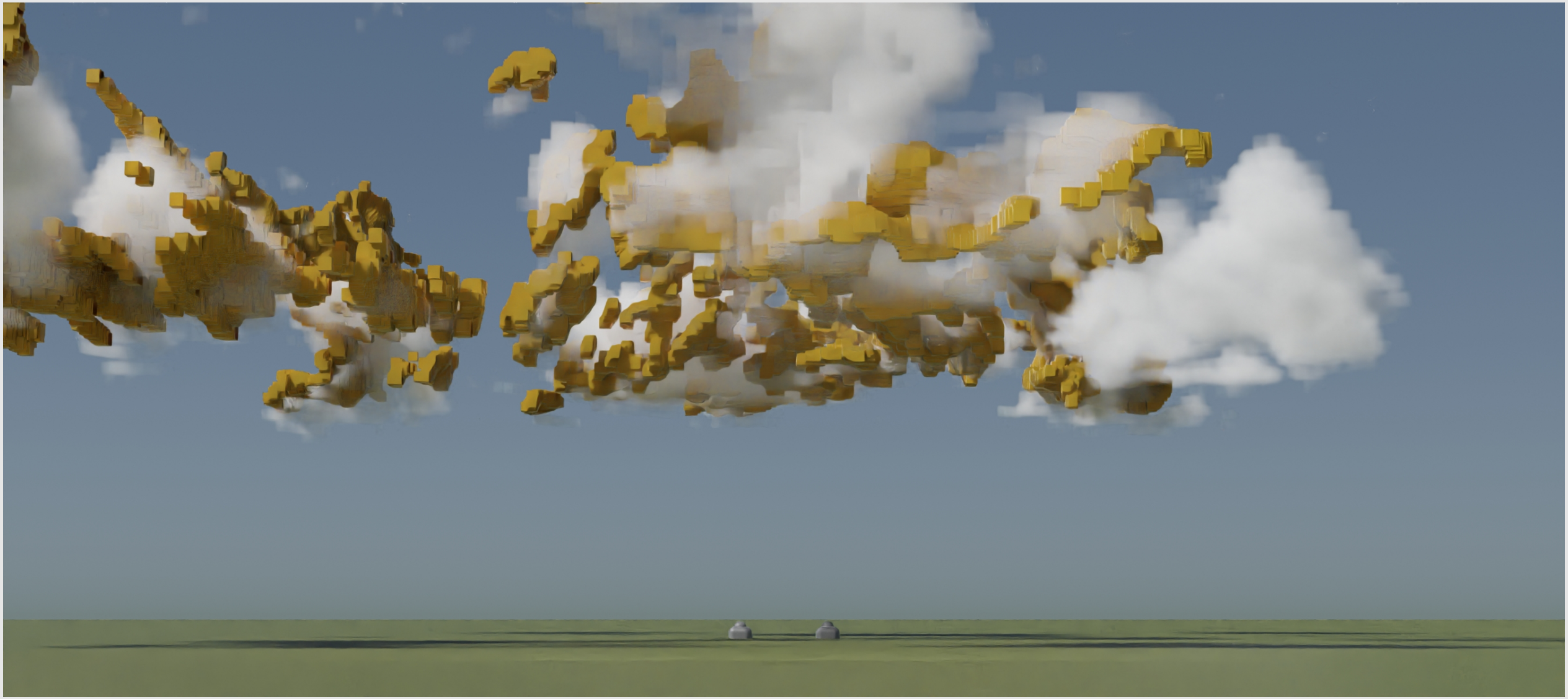

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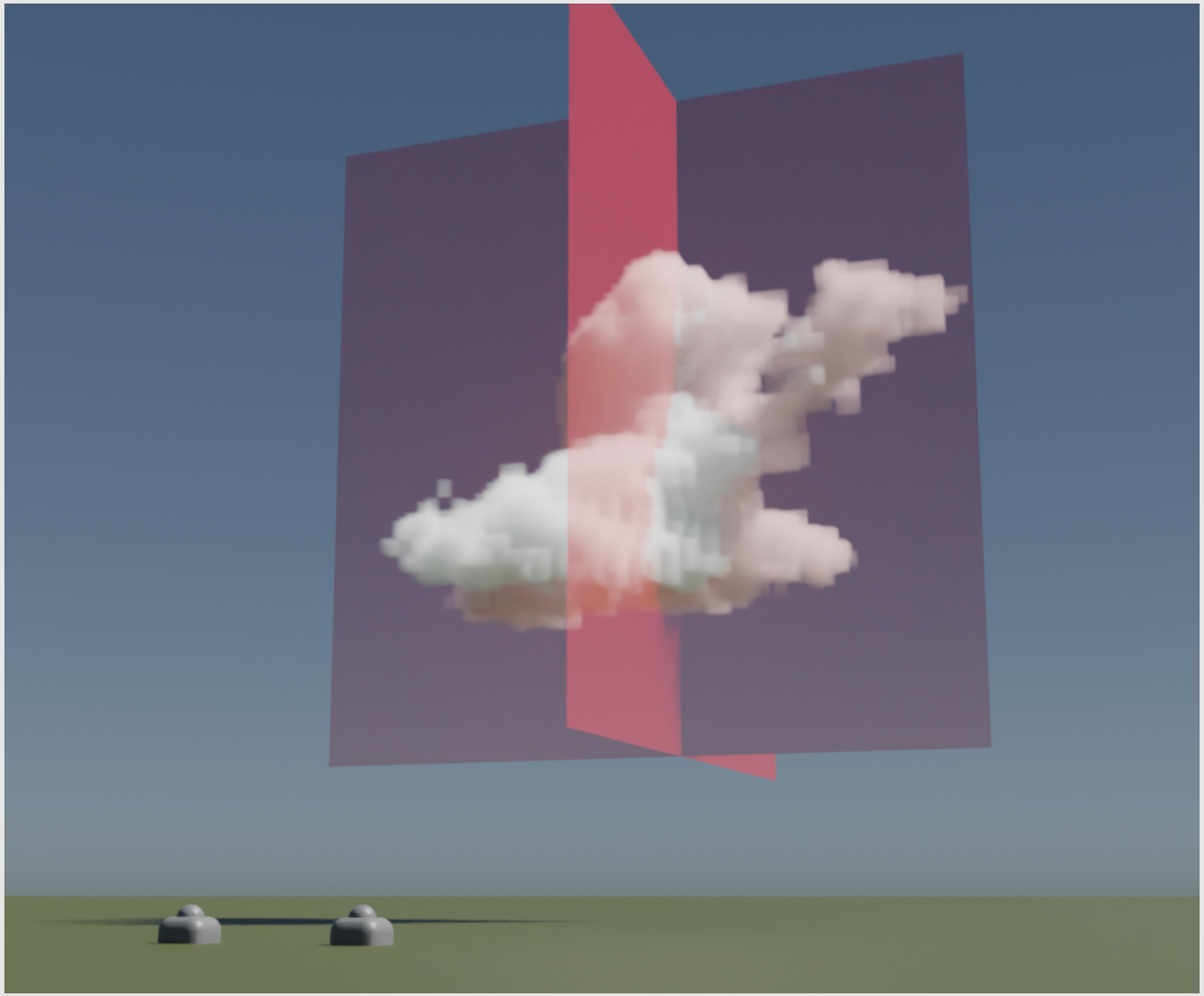

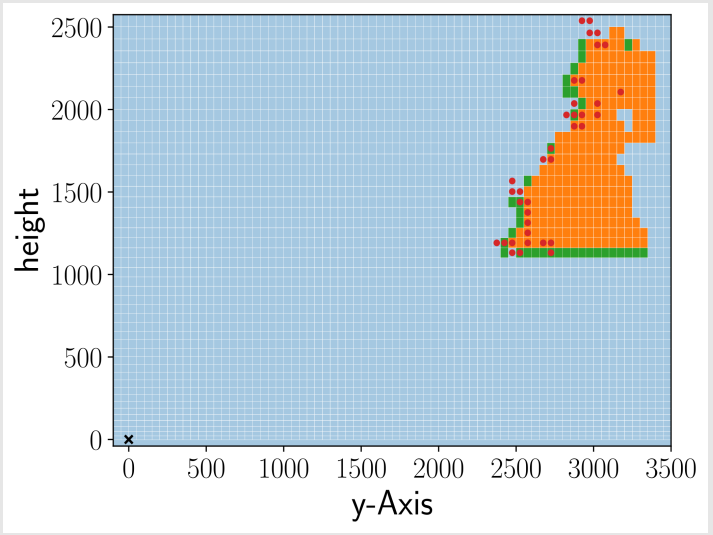


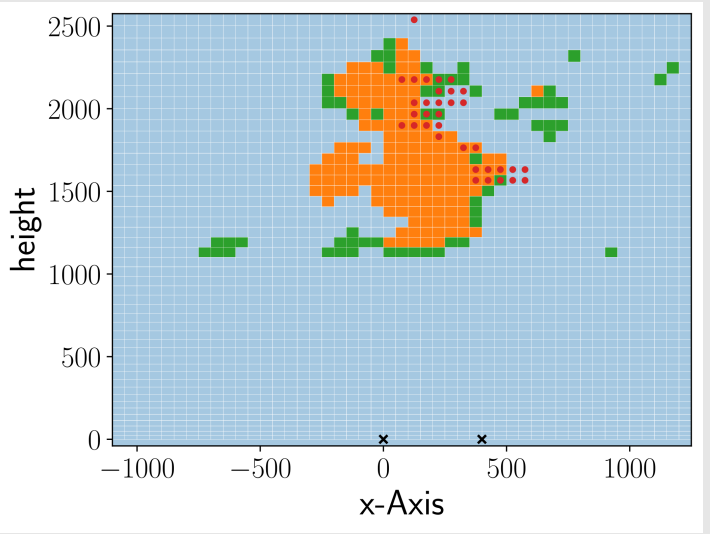


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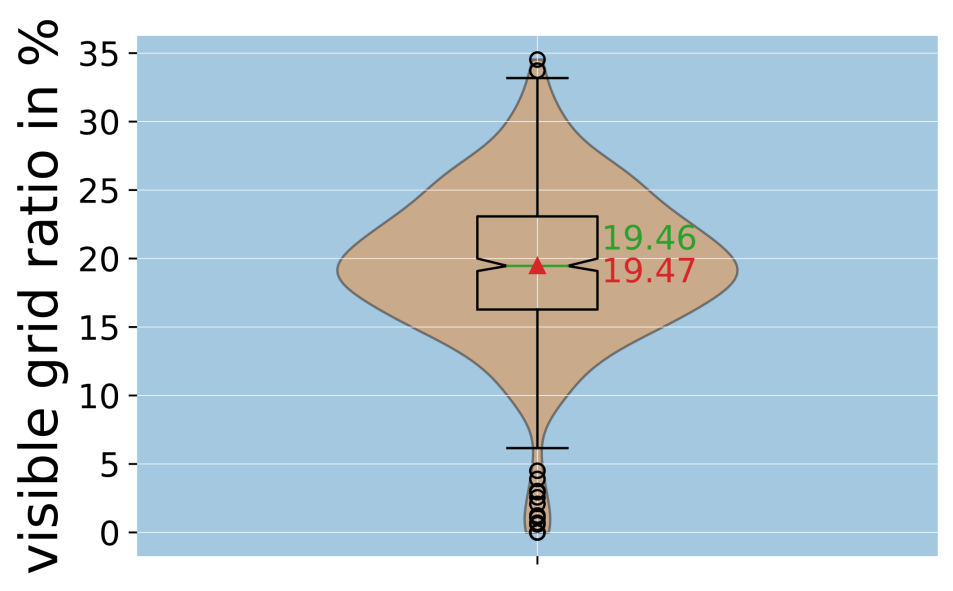


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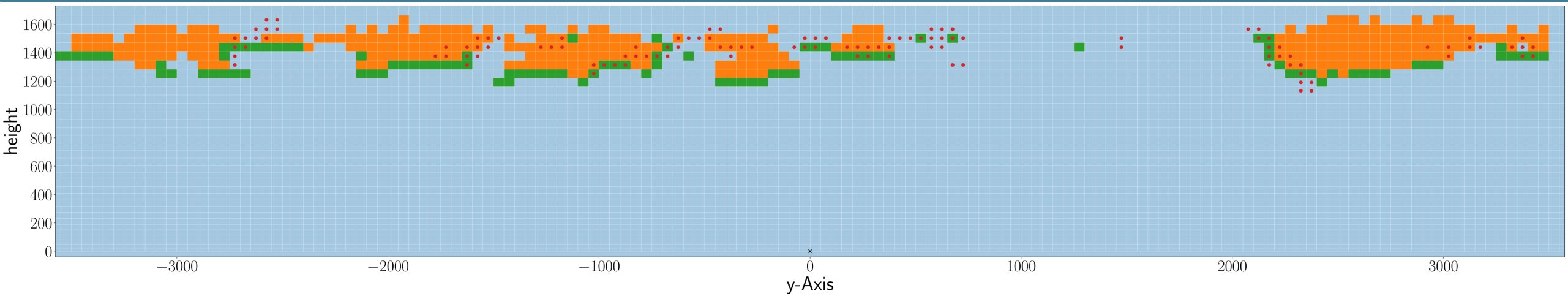


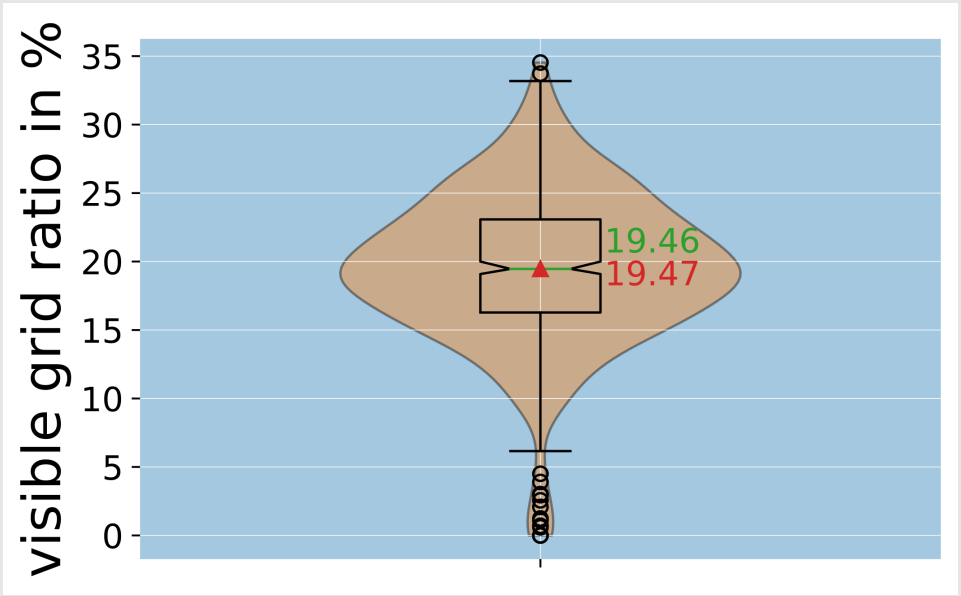


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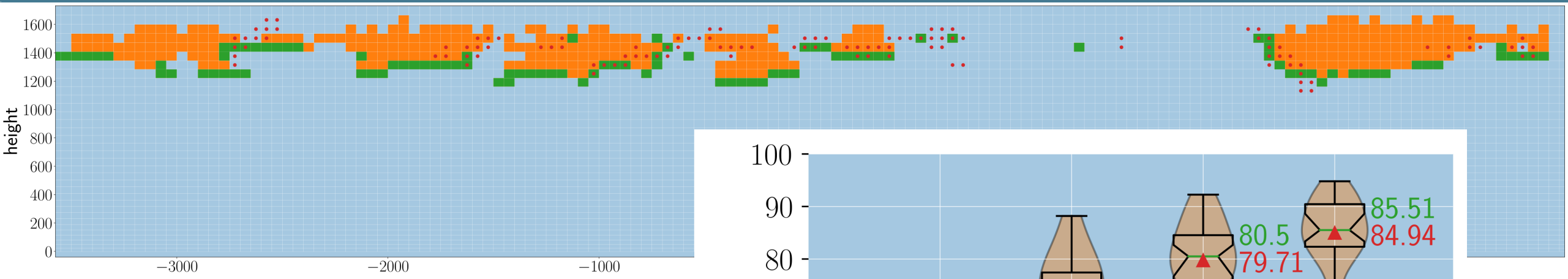


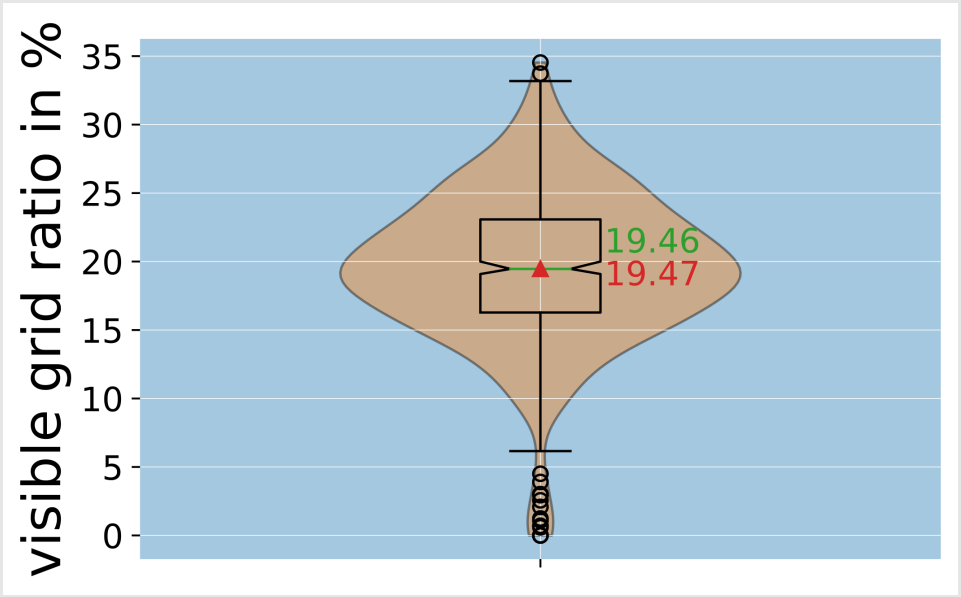


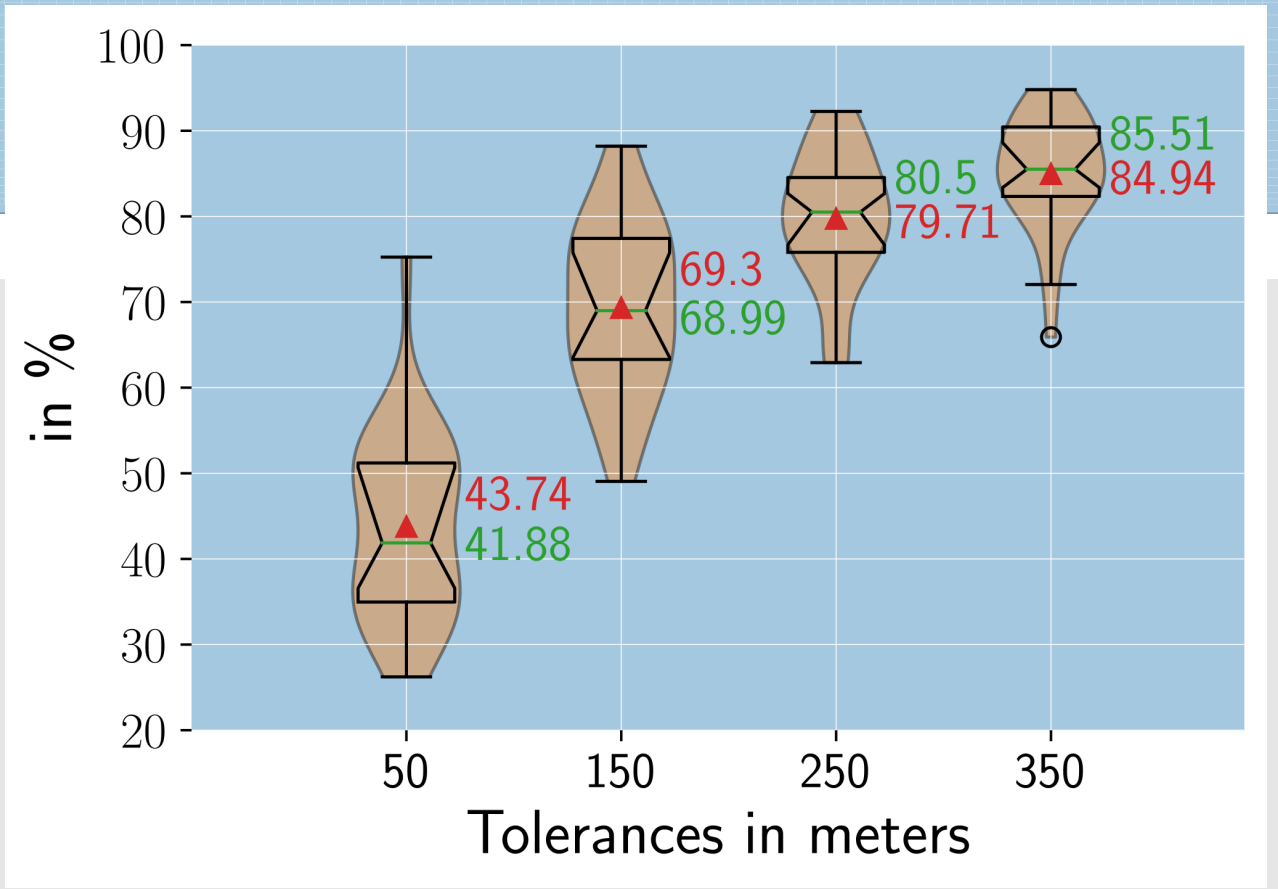


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## Main Points

- Interface between high-resolution LES and camera observations
- Can be used as OSSE to improve camera networks
- Provide an unprecedented way to test the geometry of cloud simulations to real-world camera data

Contact: yburchar@uni-koeln.de

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