## ETHzürich

## DeFlow: Self-supervised 3D Motion Estimation of Debris Flows

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- Motivation: debris flows, whose mechanisms are poorly understood, occur frequently and can be highly destructive.
- Dataset: a debris flow event was captured by a Camera-LiDAR setup with high resolution and sampling frequency (10Hz).
- Goal: design a network and training scheme that is able to estimate optical flow and depth in a self-supervised manner.









## References

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