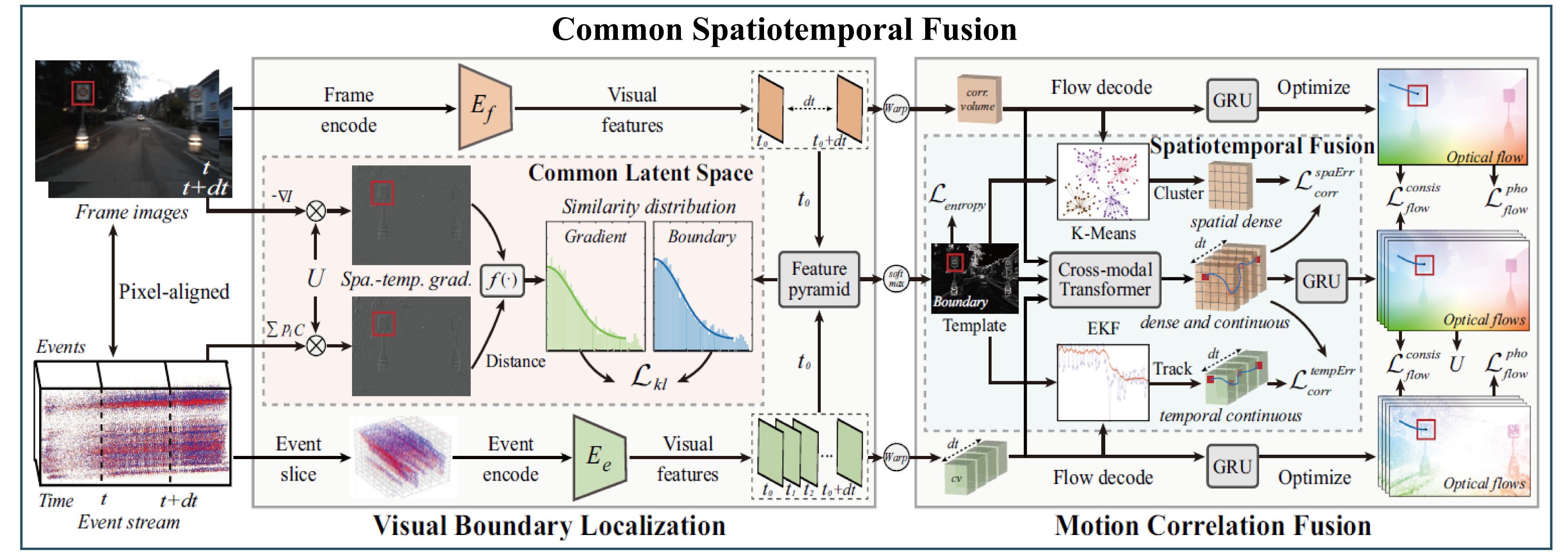


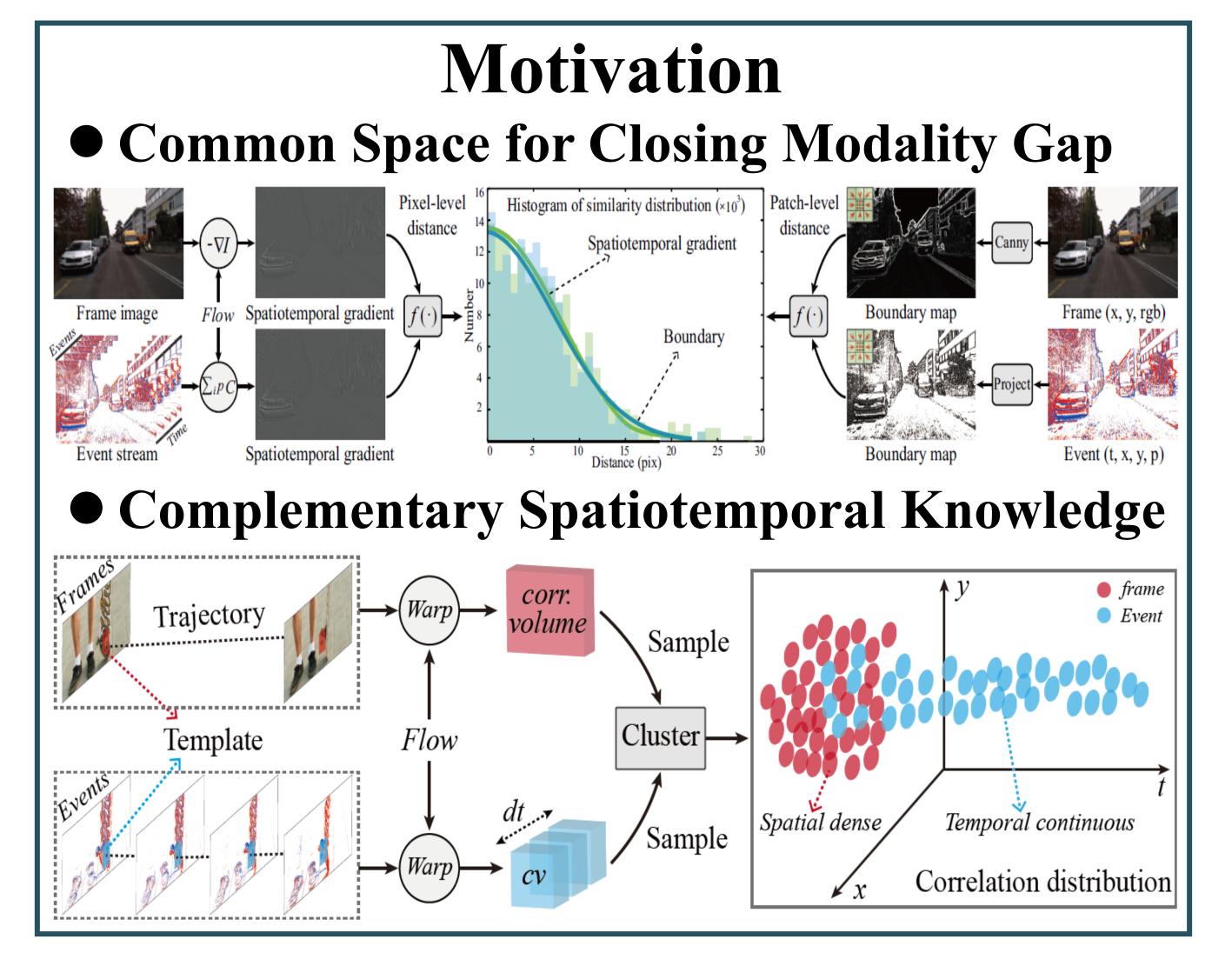


## Bridge Frame and Event: Common Spatiotemporal Fusion for High-Dynamic Scene Optical Flow CVPR

Hanyu Zhou<sup>1, 2</sup>, Haonan Wang<sup>1</sup>, Haoyue Liu<sup>1</sup>, Yuxing Duan<sup>1</sup>, Yi Chang<sup>1</sup>, Luxin Yan<sup>1\*</sup> <sup>1</sup>Huazhong University of Science and Technology <sup>2</sup>National University of Singapore

## Problem & Idea Problem High-dynamic target cause degraded motion with spatial blur and temporal discontinuity, resulting in discrete spatiotemporal features. Class A Second frame z Slow motion (a) Problem of high-dynamic optical flow Idea Introducing events to compensate for frames, and exploring a common spatiotemporal fusion.





(c) Common spatiotemporal fusion

