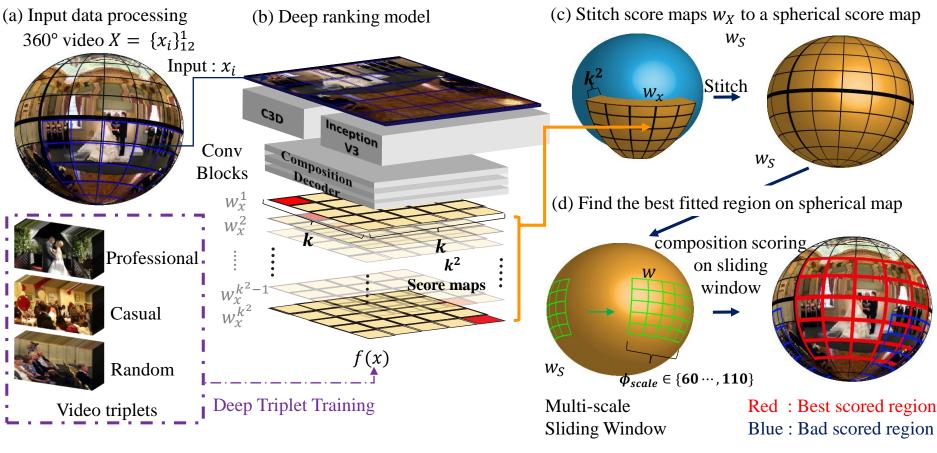
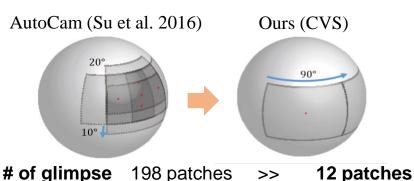
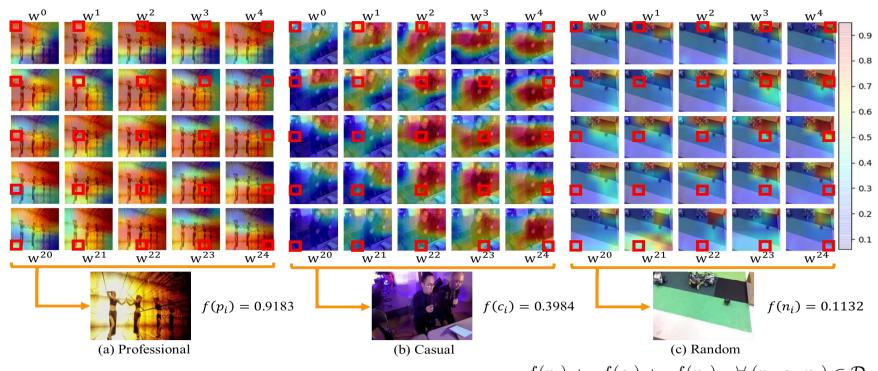
A Deep Ranking Model for Spatio-Temporal Highlight Detection from a 360° Video



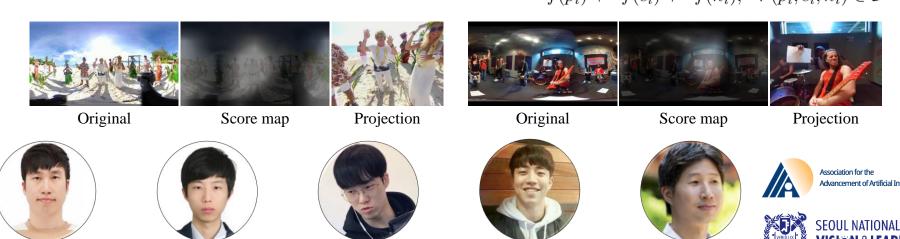
- (1) Fully convolutional CVS generates a layered spherical score maps.
- (2) Position-wise composition score learns fidelity of views and determines which view is suitable for highlight.
- (3) Reduces a bottleneck of normal field-of-view projection



Composition Score Map Learned by Triplet Deep Ranking



 $f(p_i) \succ f(c_i) \succ f(n_i), \ \forall (p_i, c_i, n_i) \in \mathcal{D}$



Youngjae Yu

Sangho Lee

Joonil Na

Jaeyun Kang

Gunhee Kim

Advancement of Artificial Intelligence

