New Triggers for Automatic Camera Placement Over Time

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Summary:

We propose new trigger variants for in situ automatic camera placement over time (ACPOT). We evaluate the performance of these variants on three datasets from two simulation codes. We find that our approach has two major benefits:- (1) it mitigates a problem where the camera "stagnates" into a view occluded from interesting phenomena and (2) proposes alternate trigger criteria that provides comparable camera placement quality (evaluated using a entropy-based viewpoint quality metric) with reduced computational cost.

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