



Poster Spotlights

Poster Session 5, July 17th

Scene Text Recognition in Multiple
Frames based on Text Tracking

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Scene Text Recognition in Multiple Frames based on Text Tracking

- Scene text recognition in multiple frames
 - Video frames works better than a single scene image in real-world applications
 - Frame relationships was ignored and could significantly improve recognition performance
 - Multi-object tracking algorithms could effectively track each Scene Text Character (**STC**)
- Results and Contributions
 - Uniform tracking-based video text recognition framework
 - Novel **STC** feature representation with dense sampled SIFT descriptors and Fisher Vector
 - New collected Video Text Reading dataset (VTR)

