

TRAFFIC CONFLICT TECHNIQUES: STATE OF PRACTICE

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ABSTRACT

This talk will introduce the science of surrogate safety in traffic engineering and the use of computer vision to obtain surrogate safety data. Regarding near-miss conflicts between road users, the presentation will identify what measurement indicators are most effective in predicting the likelihood of future injury collisions. Finally, case studies will be presented where computer vision was used to diagnose road safety problems, recommend solutions, and measure the risk reduction effectiveness of these solutions.