Dear Editors and Reviewers:

We would like to submit the enclosed manuscript entitled “*SaliencyVR: Saliency Matching Based Visual Relocalization for Autonomous Vehicle*”, which we wish to be considered for publication in “*IEEE Transactions on Vehicular Technology*”. No conflict of interest exits in the submission of this manuscript, and manuscript is approved by all authors for publication. I would like to declare on behalf of my co-authors that the work described was original research that has not been published previously, and not under consideration for publication elsewhere, in whole or in part. All the authors listed have approved the manuscript that is enclosed.

Our research focuses on visual relocalization for autonomous vehicle. In this paper, we proposed a novel approach to compute saliency map, and use saliency mechanism to filter interference information for improving the accuracy and robustness of visual relocalization. The performance of our method has been evaluated on open source dataset, and it is demonstrated that our method outperforms other state-of-the-art algorithms.

The content of this research is closely related to the aims of “*IEEE Transactions on Vehicular Technology*”, therefore, we believe that the findings of our paper is falling in the scope of your journal and will be of interest to its readership.

We deeply appreciate your consideration of our manuscript, and we look forward to receiving comments from the reviewers. If you have any queries, please don’t hesitate to contact me at the address below.

Thank you and best regards.

Yours sincerely,

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