
[IAAA'2026] Review for paper #1571265944 completed

From Edas Help <help@edas.info>

Date Tue 4/28/2026 3:46 PM

To Nguyen The Loc <nguyentheloc@humg.edu.vn>

Dear Dr. The-Loc Nguyen,

Thank you for completing the review of the paper #1571265944 ("Optimal Transport-Based UAV Positioning for Aol-Aware IoT Data Acquisition with Wireless Power Transfer") for IAAA'2026. Below is a copy of your review.

You can modify the report by going to <https://edas.info/R.php?r=14116063> up to the due date of 10:59 Asia/Saigon.

Best regards,
The conference chairs

> *** Novelty and originality: Rate the novelty and originality of the ideas or results presented in the paper.

Significant original work and novel results. (4)

> *** Technical content and scientific rigour: Rate the technical content of the paper (e.g.: completeness of the analysis or simulation study, thoroughness of the treatise, accuracy of the models, etc.), its soundness and scientific rigour.

Solid work of notable importance. (4)

> *** Quality of presentation: Rate the paper organization, the clearness of text and figures, the completeness and accuracy of references.

Well written. (4)

> *** Relevance and timeliness: Rate the importance and timeliness of the topic addressed in the paper within its area of research.

Excellent (5)

> *** Strong aspects: Comments to the author: what are the strong aspects of the paper

- The mathematical formulation is clear, and the simulation study is extensive, including multiple baselines, sensitivity analysis, and scalability evaluation

- A significant 36.8% reduction in time-average Aol compared to the state-of-the-art KNN baseline

- The good computational speed (44ms) makes it much more practical for real-time deployment

> *** Weak aspects: Comments to the author: what are the weak aspects of the paper?

- The model assumes static IoT locations and a fixed UAV altitude. In many real-world scenarios, device mobility or altitude optimization could further impact performance.
- GAT-Cluster performs identically to Random (4.42s Aol, 8.33s Trans in the Table 2). This raises questions about whether it was correctly implemented or fairly tuned.

> *** Recommended changes: Recommended changes. Please indicate any changes that should be made to the paper if accepted.

- Provide an explanation or diagnostic for GAT-Cluster's failure or replace it with a more credibly implemented baseline.
- Improve realism by discussing or simulating dynamic IoTs, variable UAV altitude, or more realistic air-to-ground channel conditions.

> *** Comments to the TPC: Confidential comments to the TPC (will be not sent to Authors)

This is a strong submission that bridges the gap between Optimal Transport theory and practical UAV deployment. The computational efficiency is particularly impressive for an IAAA conference.

> *** Submission Policy: Does the paper list the same author(s), title and abstract (minor wording differences in the abstract are ok) in its PDF file and EDAS registration?

Yes. The PDF title/authors/abstract appear consistent with EDAS metadata.

> *** Overall Recommendation: Overall Recommendation
Accepted (1)