## Research Publications

## Institute of Computer Science

October 22, 2025

- [1] Zenith Arnejo, Benoit Gaudou, Mehdi Saqalli, and Nathaniel Bantayan. Automatic generation of abm narratives using simulation traces and llm. In *Proceedings of the 26th International Workshop on Multi-Agent-Based Simulation (MABS 2025)*, Detroit, United States, May 2025. Conference Paper, (hal-05025957).
- [2] R. T. Santos, A. J. Jacildo, A. D. Montecillo, R. J. D. Flores, and M. P. A. De Leon. Cross-sectional analysis of bacterial co-occurrence networks of bat gut-associated microbiomes sampled across various cave sites in calabarzon, philippines. Poster paper presented at IWOMB 2025 International Workshop on Mathematical Biology, January 2025. Poster Paper.
- [3] M. R. U. Anacleto, J. M. Samaniego, M. C. C. Manuel, N. B. Lantican, and M. G. Q. Diaz. Taxonomic analysis of bacterial and archaeal communities collected from the manleluag hyperalkaline spring in pangasinan, philippines using two bioinformatic pipelines. *Philippine e-Journal for Applied Research and Development*, 15:1–13, 2025. Journal Paper.
- [4] Kristian Paolo David and Aldrin Joseph Hao. Performance analysis of a spatial computing interface for electronics simulation and prototyping. In *Proceedings of the Philippine Computing Science Congress (PCSC 2025)*, 2025. Conference Paper.
- [5] L. G. L. Talip and R. N. C. Recario. A dynamic query framework for research accessibility using openai and langehain. In Kohei Arai, editor, *Proceedings of the International Conference on Intelligent Computing (CompCom 2025)*, volume 1424 of *Lecture Notes in Networks and Systems*, , . Springer, Cham, 2025. Conference Paper.
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- [12] Aldrin Joseph Hao and others. Validation of harvest date estimator mobile application for banana (banatech version 1): A way towards a more efficient farm planning. *Philippine Journal of Crop Science (PJCS)*, pages 12–21, April 2024. Journal Paper.
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