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Dear Editor-in-Chief,

I am sending to you a manuscript entitled "Coala: Dynamic Task-Based Intermittent Execution for Energy-Harvesting Devices" to be considered for publication in ACM Transactions on Sensor Networks.

Coala advances intermittent software execution, which drives battery-free tiny sensors, by predicting the amount of ambient energy arrival and adapts the execution accordingly. Battery-free sensors and actuators are expected to play an important role in health-care, building monitoring, and space applications. Our experiments show that Coala optimizes applications execution, running on energy harvesting devices, by up to 54% as compared to the state-of-the-art intermittent system.

We believe that this manuscript is appropriate for publication by *ACM Transactions on Sensor Network*, as its scope falls within the scope of the journal. This work has not been published or simultaneously submitted elsewhere. Thank you in advance for considering our submission.

Sincerely,

Amjad Yousef Majid
Corresponding Author