Young-Kyoon Suh

Supercomputing R&D Center, Korea Institute of Science and Technology Information (KISTI), Republic of Korea, 34141, Tel: +82-42-869-0725

Email: yksuh@kisti.re.kr

December 2, 2016

Dear Editor-in-Chief:

This letter to be submitted to IEICE Transactions on Information and Systems presents the following contributions. No version of this letter was submitted earlier.

- We provide empirical evidence that measuring program time can be seriously affected by extant system daemons.
- We propose a novel timing protocol, called *SEDONA* (Selective Elimination through Detection of infrequent, lOng-ruNning dAemons), that identifies infrequent, long-running daemons that impact the timing results for that program.
- We evaluate the performance of the protocol with rigorous experiments, starting from a simple program in pure-computation mode to a popular industrial benchmark suite.
- Experimental results show a strong support for the effectiveness of our SEDONA timing protocol.

Sincerely yours,

Young-Kyoon Suh