

LAWRENCE LIVERMORE



NATIONAL LABORATORY

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Dr. Kento Sato
Lawrence Livermore National Laboratory
Livermore, CA 94550

Dear Dr. Sato,

Congratulations on being named a 2017 R&D 100 Award Finalist for your team's development of the PRUNERS (Providing Reproducibility for Uncovering Non-Deterministic Errors in Runs on Supercomputers) software.

By detecting and remedying those errors in large parallel applications that occur only occasionally, or seemingly without a pattern, PRUNERS provides a solution to an important computational problem. Your achievement rightly deserves to be recognized by the R&D 100 Awards committee as a finalist in the competition's Software/Services category.

We are also pleased that this technology, which you co-developed with the University of Utah and RWTH Aachen University, is an open-sourced licensed software that is available to the general user community. High-performance computing (HPC) is a linchpin of scientific discovery, and the availability of tools such as these helps us advance Livermore's mission, as well as the development of HPC. Congratulations, once again, on a job well done.

With best regards,

William H. Goldstein
Director

Patricia K. Falcone
Deputy Director for
Science and Technology

