

HIPRT: A Ray Tracing Framework in HIP (Supplementary Document)

DANIEL MEISTER, Advanced Micro Devices, Inc., Japan

PARITOSH KULKARNI, Advanced Micro Devices, Inc., Canada

AARYAMAN VASISHTA, Advanced Micro Devices, Inc., Japan

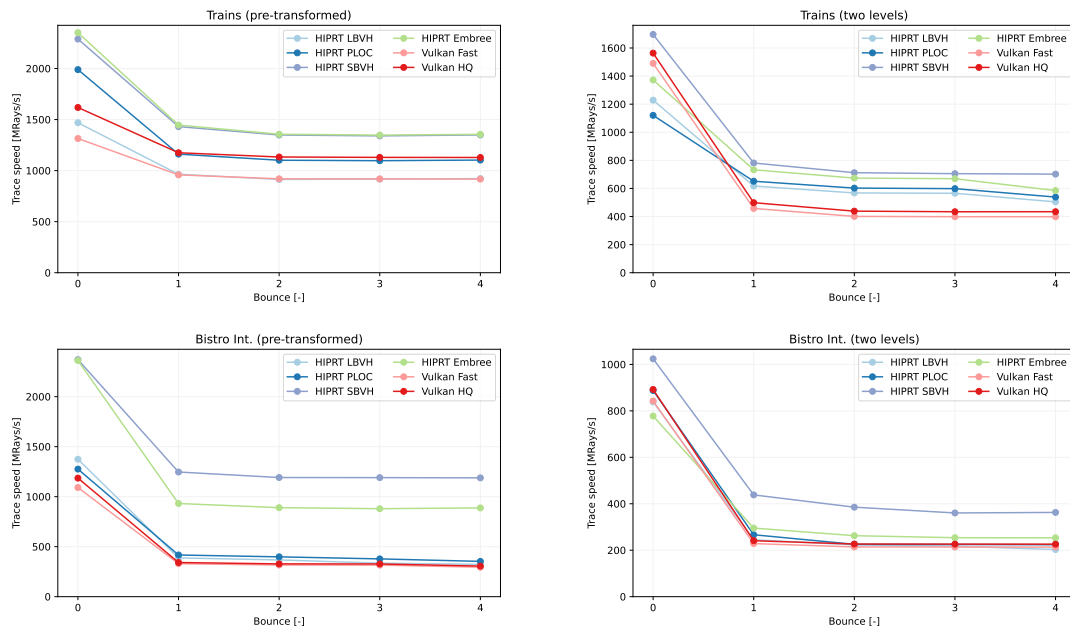
TAKAHIRO HARADA, Advanced Micro Devices, Inc., USA

1 ADDITIONAL RESULTS

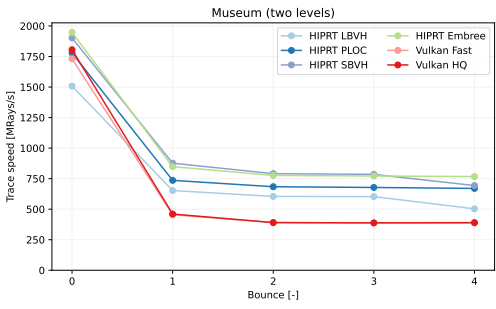
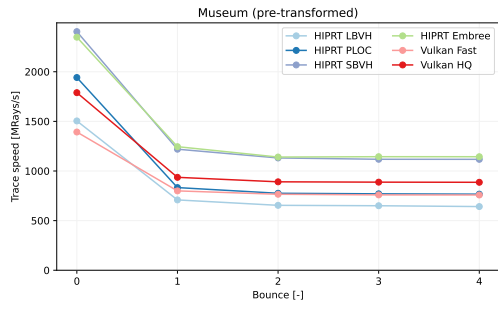
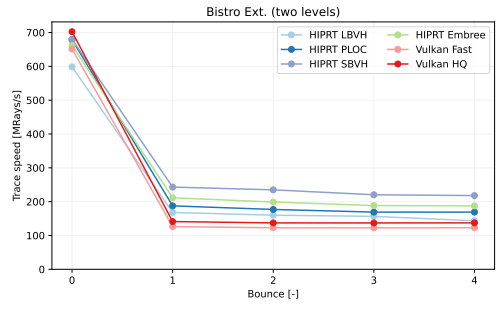
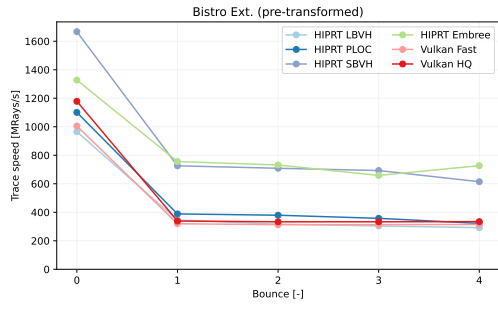
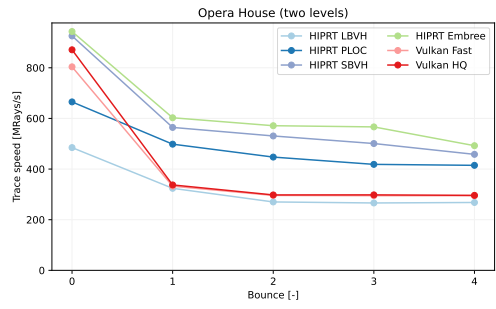
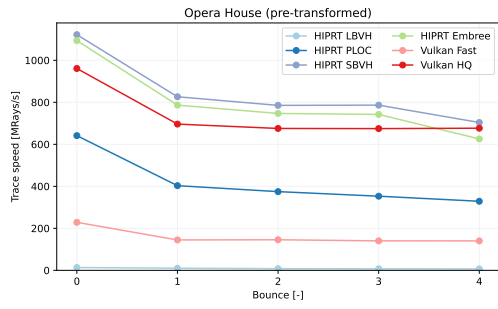
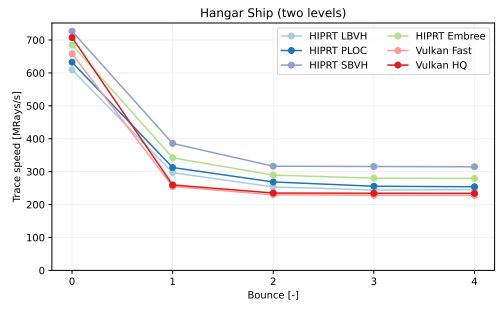
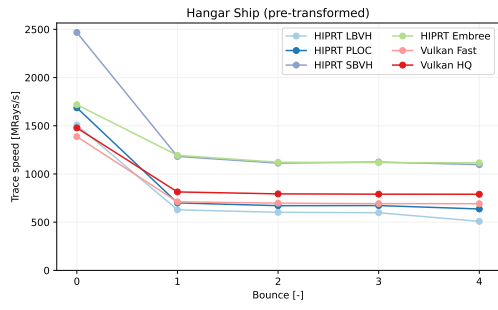
In this document, we provide additional results that did not fit into the main paper.

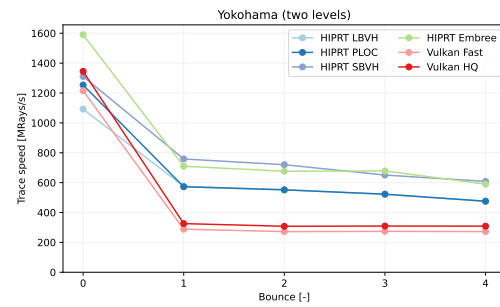
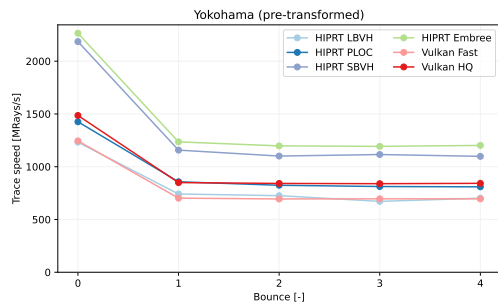
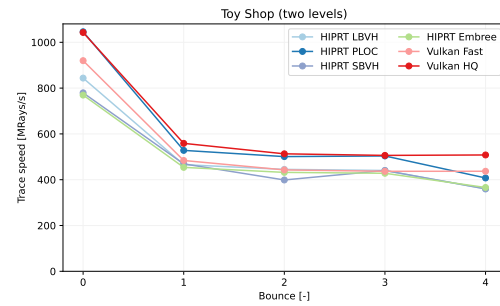
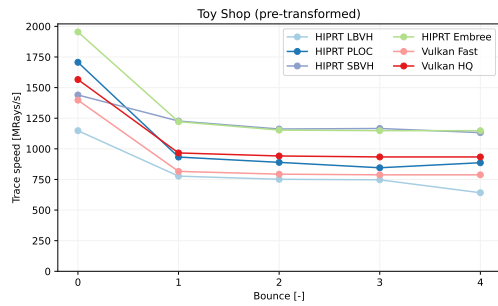
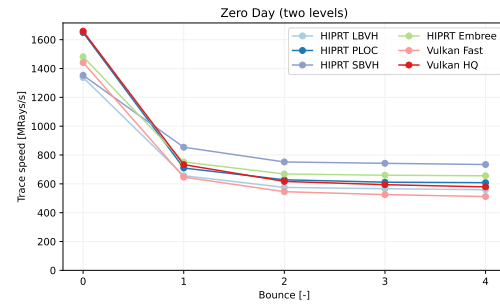
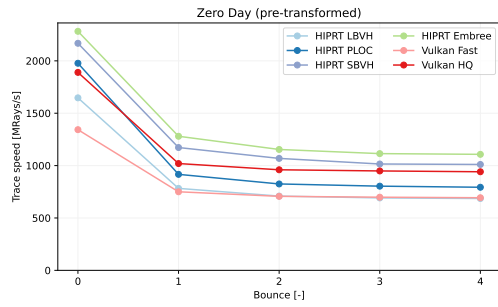
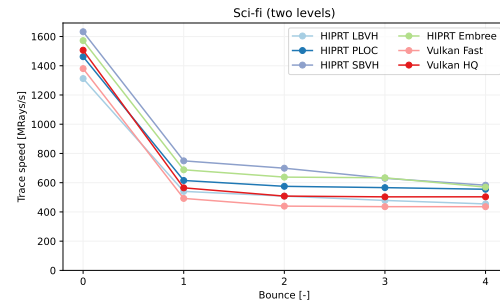
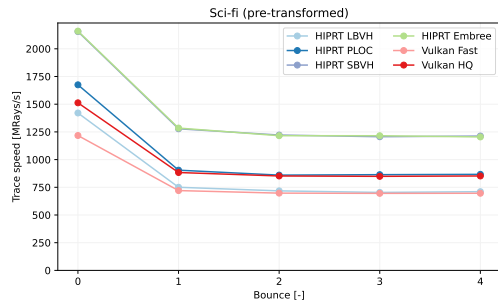
1.1 Trace speed

Ray tracing performance of individual bounces for all scenes. The 0-th bounce corresponds to primary rays and the other bounces to secondary rays.



Authors' addresses: Daniel Meister, Advanced Micro Devices, Inc., Japan, daniel.meister@amd.com; Paritosh Kulkarni, Advanced Micro Devices, Inc., Canada, paritosh.kulkarni@amd.com; Aaryaman Vasishtha, Advanced Micro Devices, Inc., Japan, aaryaman.vasishtha@amd.com; Takahiro Harada, Advanced Micro Devices, Inc., USA, takahiro.harada@amd.com.





1.2 Time-to-Image

Time-to-image of different samples counts for all scenes. The offset in the origin corresponds to the build time.

